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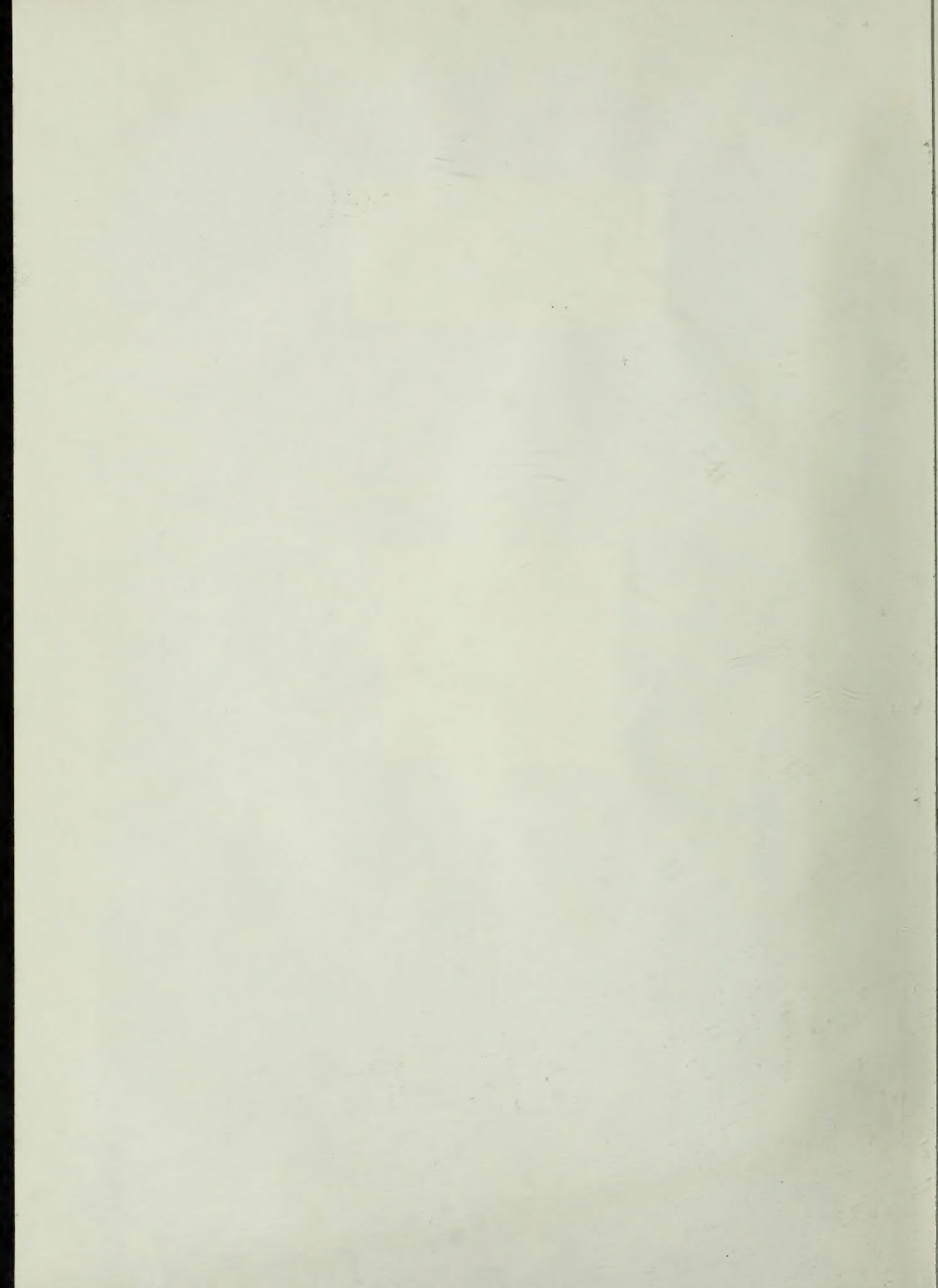
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Better Homes & Gardens

JANUARY 1940

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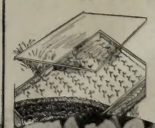


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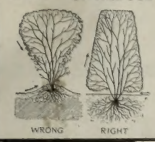
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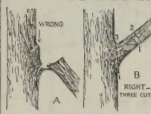
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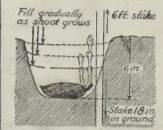
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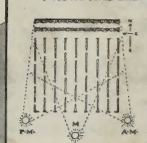


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ACROSS THE

Editor's Desk

REG. U. S. PAT. OFF.

HOME has no dependence on the seasons. Winter or summer, spring or fall—all are one to the dwelling which, in its full depth of meaning, is a home.

Yet in the creation of the atmosphere of home, Winter may very well surpass the gentler seasons. Against what Shakespeare calls the "wrathful, nipping cold," home erects the pleasantest of ramparts. And where, in all the year, is there a scene more homelike than that in which a happy family gathers in the evening round the hearth?

Such a picture is one all of us recognize instinctively.

The glowing coals that lie before the backlog.

The living flame that flickers toward the flue.

The members of the family, content to spend the evening hours together, protected from the cold, the wind, the snow.

Time was when such a picture represented all that was most typical in the homes of America, but the restlessness of a strange age is upon us, and even our firesides are faced with competition for the family's time.

Yet there are pleasures to be had at home that are amply able to compete with any to be found outside.

Why, for instance, is there so little reading aloud these days?



WE WHO MAKE THIS MAGAZINE are constantly conscious of the needs of home. And homes, we very deeply realize, are more than roofs and walls and furniture. Not even the dictionary differentiates as we feel it should between "house" and "home." That may be impossible, of course, for a home, after all, is something as nearly spiritual as anything man-made is likely to be, and things of the spirit aren't easy to define.

In the creation of the home, therefore, there must be influences at work that come from the heart. But there are activities, as well, that may be homelike.



WE ASKED, A MOMENT AGO, why there is, these days, so little reading aloud. Of course, in today's flood of printed matter there is much that isn't intended to be read aloud, or isn't worth it. But that is no great handicap, for among the books that every home should have there are many that are capable of creating a greater sense of reality than Hollywood's best efforts.

Suppose you have a 10- or 12-year-old who, so far, doesn't know "Treasure Island." Get it out some evening, and try it on him. It will not be necessary to tell him how good it is. He'll know. And you, too, especially if years have passed since you have read it, will find new wonders in the fierce old pirate with the brass spyglass—in Jim Hawkins' fears and adventures—in Long John Silver and the rest.

Or, if "Treasure Island" isn't to your liking, or your mood turns to other fields, remember that the world of the printed page is wide.

Read because you like to read—because that small but all-important group that is your family loves to hear. Make no chore of it. Stop if interest passes.

And, reading thus aloud beside your fireplace, while the blasts of January hurry the falling snow across your rooftop, you will find yourselves journeying far across the world—living in other times than these—and, above all, creating the very essence of that which makes a home.



THERE ARE OTHER WAYS, of course, to accomplish similar ends, and we should use them all. Yet for the most part they are simple, and are most effective when we ourselves take part in them.

So it is with the printed page when, well chosen, it is read aloud. Therein lies treasure—treasure, too, far greater than Long John Silver's parrot had in mind when, from his master's shoulder, he shouted:

"Pieces of eight!
Pieces of eight!
Pieces of eight!"

Editor

BETTER HOMES & GARDENS

VOLUME 18

JANUARY, 1940

NUMBER 5

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Cover Photograph by Anton Bruchl

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For walls and ceilings?

Yes. Built-in furniture, too.

Does it provide permanent beauty?

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Is it easy to install?

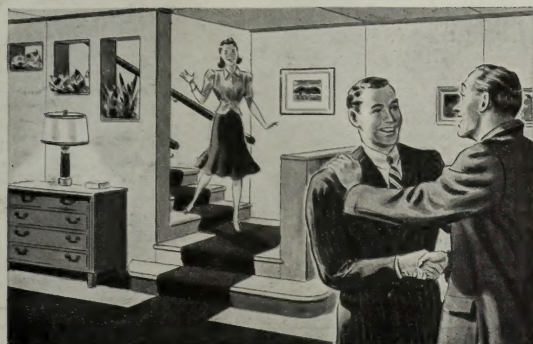
Yes.

Will it save us money?

Yes.

Well, let's see it.

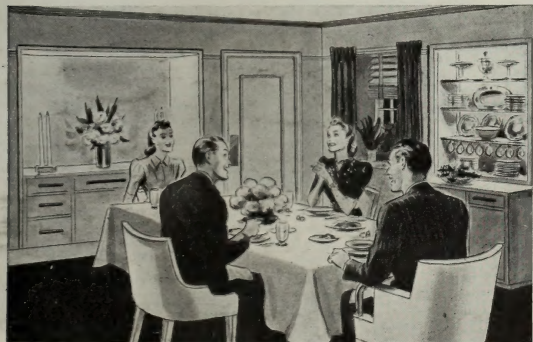
Here goes!



Cordial is the welcome in this modern, spacious entrance hall. Walls and ceiling, painted white, are Masonite Tempered Presdwood, the all-wood, grainless board that won't warp, split, chip or crack. Notice the interesting recesses for flowers and plants in the stairwell partition—a splendid example of the unusual treatments that are possible with Masonite Tempered Presdwood.



Home is like this when Tempered Presdwood is used for living-room walls. Tempered Presdwood goes up quickly, can be cut or sawed to any size or shape. The recessed mirror over the fireplace is illuminated with electric lights behind frosted glass. Tempered Presdwood makes the same lighting arrangement possible over the bookshelves. The walls are suede-gray. The ceiling, white.



Ideal for remodeling work, Masonite Tempered Presdwood is a dry board and can be applied right over old walls and ceilings—with little muss or fuss. It is durable . . . adds to the structural strength of the building. Pale blue walls in this dining-room are Tempered Presdwood. The built-in cupboard and sideboard are especially interesting—easy to have with Tempered Presdwood.



Came for anything is this transformed cellar with Tempered Presdwood walls, grooved in modern vertical pattern. The built-in bar and seats are Tempered Presdwood. Excellent for use where there is apt to be dampness, because Tempered Presdwood is definitely moisture-resisting, will not warp when properly applied. It can be painted any color, or used in its natural warm-brown finish.

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1 "Miss, I listened when I looked for my second refrigerator," explains one owner, "and to make a long story short, I picked Servel Electrolux. It just can't make a noise. You don't hear anything now—and you never will—with this refrigerator, because a little gas flame is the whole works in it."

2 "I wanted convenience, of course," agrees this housewife. "But even more important, this time I wanted a refrigerator I could depend on. One that wouldn't cause trouble and need repairs. So when I read how Servel Electrolux operates with no moving parts to wear, I looked into it—and bought!"

3 "See, young lady, how it saves—just look at these gas bills! That's why we changed to a Servel Electrolux," says this Denver owner. "Other refrigerators may cost little to run when new, but I know from experience it takes one *without* moving parts to keep right on operating for just a few cents a day, year in and year out!"



4 "Who wouldn't pick one with no moving, wearing parts," asks this Memphis family, "especially if you've already had experience with another kind? No one could sell me anything but a Servel Electrolux this time! And from what I've noticed among my friends, more and more people all the time are feeling the same way about the gas refrigerator!"

AND BESIDES...THE 1940 SERVEL ELECTROLUX IS ADAPTABLE TO YOUR EVERY NEED!



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Edward Quigley

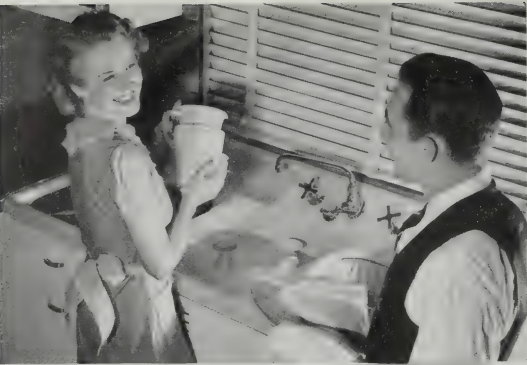
Winter's Shadows

The sun climbs down the dark'ning sky
And leaves a crimson afterglow,
With long, blue shadows here and there
Across the frozen wastes of snow.

And ere 'tis gone the moon peeps up
Beyond the rugged poplar's height,
To spread a pale gold setting for
The twinkling diamonds of the night.

The weary seek the cheer of home,
Where warmth and refuge are akin.
Tho frosty silence reigns without,
Gay song and laughter sound within.

—Harriet Nicholas



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BETTER HOMES & GARDENS

THE DIARY



of a Plain Dirt Gardener

REG. U. S. PAT. OFF.

By **Harry R. O'Brien**

Caricatures by Tom Carlisle

Jan. 1 This morning I awakened in the Fayette Hotel in Lexington, Kentucky, to which I came last night. A new day and a new year has come and I'm bound way down South to Fairlyland.

I can assure you that while the trip is necessary, I'm not a fugitive from justice. Maybe as I go along, I can pick up some travel notes that will be of interest to gardeners.

As I drove southward I came to-

I was so filled with enthusiasm that I just had to write a letter to Maggie and the boys to tell them about it. And in my letter I reminded Maggie to be sure to plant those Paper White Narcissus bulbs. We have always planted these in small pebbles or coarse sand. But when I bought them at the seed-store the other day, Ray persuaded me to buy a box of what he called bulb humus, in which to plant them.

Jan. 3 Still onward toward Fairlyland. I think it was at Brookhaven, far down in Mississippi, that I saw the first palm tree. I came to the country of Live Oaks, great oaks with smallest evergreen leaves, and ere long there was Spanish Moss hanging from their boughs in long, gray shreds and drapes. Then I was in Louisiana and westward to Baton Rouge.



"I came to the country of great oaks hanging with Spanish Moss in long, gray shreds"

Jan. 4 On the campus of Louisiana State University today and

ward noon to Gallatin, Tennessee, a little city where many folks read *Better Homes & Gardens*. I just know they must, for I saw so many homes with shrubbery and evergreens around them and gardens to the rear.

I saw one new lawn mulched with tobacco stems. I don't know how these work, but I figure that if they had been cut up they would be superb. Also in a fine state, tobacco stalks, stems, or leaves would make an excellent fertilizer material. Chopped up stalks should make a good mulch for a rose bed, too.

was amazed at the fine buildings and beautiful trees. Tonight I was out to dinner with Professor and Mrs. N., both of whom are old friends. They have a new home just built and told me what a problem it is down here to build a house that is proof against termites.

Mrs. N. is quite a gardener. She went outdoors and presently came back in the house—believe it or not—with blooms of chrysanthemums in one hand and Sweet Peas in the other. Dear me—maybe I'm in Fairlyland and don't know it. Anyhow, it's a land where fall meets the spring and there is no real winter. The spring flowers come before the fall flowers go. She also brought in some blooms of *Camellia japonica*. She grows roses but says that not all varieties do well here. Radiance, however, is one of the best.

Jan. 2 Over in Arkansas from Memphis this morning, and I note that in the little town of Wilson the railroad runs right through the town alongside the main street, but it was all screened off by tall shrubbery and trees. Other towns take note.

This afternoon I drove onward another lap toward Fairlyland and soon was in Mississippi for the first time in my life. Under the moonlight I came driving into Jackson and found one of the finest hotels I've ever been in—the Robert E. Lee. The clerk at the desk introduced himself and shook my hand by way of Southern welcome. My room is the best lighted I've ever seen. Brother, the dinner was magnificent, cooked as only a Mississippi cook would know how.

Jan. 5 I have been on a summer's day trip to a Never-never-land that heretofore I had just dreamed about. I have been to the Bayou Teche country and to the land of Evangeline.

First, I came in mid-afternoon to the little city of New Iberia and found it one of the most beautiful I've ever seen, with many broadleaf evergreens and glorious Live Oaks. Camellias were coming into bloom. I saw one whole hedge of them in light red color.



"The Evangeline Oak, where Evangeline found her long-lost and unfaithful Gabriel"

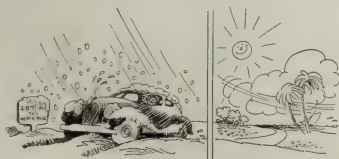
On a few miles northeast, I came to the fabled little city of St. Martinville, where lived Evangeline, about whom Longfellow wrote his well-remembered poem. I found here the Evangeline Oak, a great tree with Spanish Moss hanging from its branches and standing along the bank of the narrow Bayou Teche. Here it was that Evangeline stepped from a boat to find her long-lost and unfaithful Gabriel—which isn't the way the poem has it.

Back up on the principal street stands the St. Martin's Church, about which so much of the history and story centers. At the rear is the tomb of Evangeline. I stopped at the office of the St. Martinville Messenger, the local paper, and Fred Beslin, associate editor, gave me a copy of an old issue of years back which told the story of the town, the tree, the church, and the correct story of Evangeline, rather than the fictionalized one of the poem. The church was built in 1763, I found, which makes it older than any of the missions of California.

Jan. 6 This afternoon I drove along one of the most beautiful thirty miles in the world, from Bay St. Louis to Biloxi, with beautiful homes to my left and the Gulf of Mexico to the right. On I drove, under moonlight, until I turned into a broad boulevard labeled Government Street. I was in Mobile and was driving along the world-famous Azalea Trail.

Jan. 7 Mobile—after years of dreaming. And believe it or not, as I drove about the city this morning I found some of the azaleas actually in bloom. This must have been just for my benefit. Back out along Government Street, I stopped at the beautiful little Memorial Park to see some of them.

Here I ran across C. F. Day, superintendent of the park area of Mobile. He told me that there are about 300,000 azaleas growing in the city. Each year when these are in bloom guide signs are put up to mark the Azalea Trail. These direct visitors on a tour of the city past as many azaleas as possible. Churchyards, parks, and yards of public buildings are full. Usually the best bloom is in February into March. Those in bloom now are early sorts, Mr. Day said.



"Tonight, back in winter again. Yesterday noon, in shirt-sleeves and among oranges"

Jan. 8 When I drove into Gainesville, Florida, this Sunday afternoon, it was summer, with boys from the University of Florida walking along in shirt sleeves. Here I found the Thomas Hotel, unique and picturesque, its white structure surrounded by palms, Live Oaks, and landscaped grounds.

Outside the window of my first-floor room stand poinsettias six feet high in bloom. Birds sing. In front are pansies and calendulas in bloom in a flower bed.

Jan. 9 On the campus of the University of Florida today I met Harold Mowry, horticultural authority and now assistant director of the agricultural experiment station. Mowry wrote a number of the station bulletins dealing with gardening and home landscaping which are unusually good. One of these is on ornamental trees and another deals with hedges for Florida.

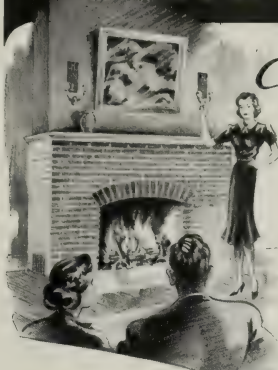
Mr. Mowry was telling me how to grow roses in Florida. He thinks best success comes from planting new stock each season. As to other details, Florida gardeners can get a circular from the experiment station at Gainesville on roses. There is one on perennials, and others may be had for the asking.

Out to spend the evening with my old friends, Professor B., a member of the university faculty, and Mrs. B. Right on a neighbor's lawn, a red-bud was in bloom. Mrs. B. had lilacs in bloom in her garden.

Professor B. tells me that our robins from back home up North are down here now, spending the winter. Come every winter. But they are hardly ever seen. They stay in the deeper woods and get their living by hunting insects under leaves and bark on the ground.

Jan. 12 On this bright summer day I came to the Singing Tower, near Lake Wales. This tower, built above the trees on the highest hilltop in Florida, can be seen for miles over the never-ending groves of ripening oranges and grapefruit. Here at noon on certain days a program of music is played on the bells by Anton Brees, the carillonneur. This was one of those days, and as I drove up, the music, softer and sweeter than I had imagined, floated [Turn to page 68

The HEATILATOR is More than just a FIREPLACE



Circulates Heat

to every corner of the room and even to adjoining rooms.

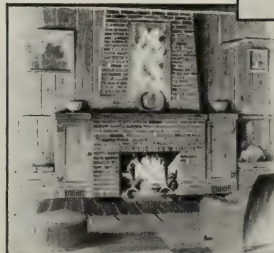
Cuts Heating Costs . . .

use it instead of wasteful furnace fires during weeks of cool spring and fall weather.

Will Not Smoke . . .

corrects the usual faults which cause more than half of existing fireplaces to smoke.

All over America, thousands of owners say the Heatilator gives comfort that no old-style fireplace can give. And it cuts dollars from heating costs. That's because it warms every corner of the room and even adjoining rooms. It draws the cooler air from the floor level and floods the entire room with cozy warmth.



You can build any style fireplace you like. The Heatilator serves as a correctly designed form for the masonry which eliminates the usual causes of fireplace smoking.

• • •

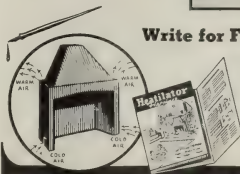
With a Heatilator Fireplace in your camp, you can enjoy camp life weeks longer — earlier in the spring, later in the fall, or even on winter week-ends.

The Heatilator Fireplace solves the difficult heating problem in basement rumpus rooms. It warms the room quickly . . . gives the cheer of an open fire . . . banishes the need for ugly pipes, radiators, etc.

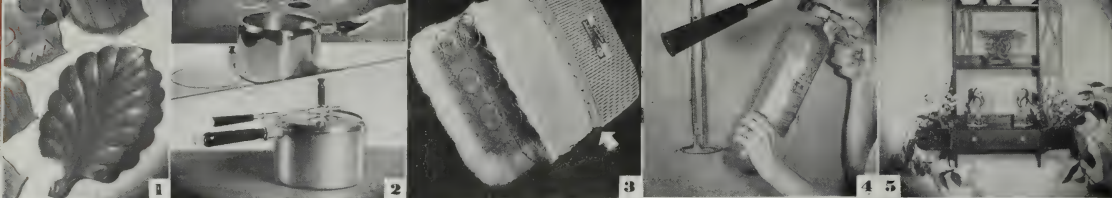


Write for FREE folder . . . learn all the other advantages about this fireplace that is "more than just a fireplace." Find out how it simplifies construction, saves materials and adds but little to your fireplace cost. Address the

HEATILATOR CO.
421 E. Brighton Ave., Syracuse, N.Y.



HEATILATOR Fireplace



Photographs by Edwin A. Falk

IT'S NEWS TO ME!

REG. U. S. PAT. OFF.

By Anna Joyce Olson

1 Carved of solid Amazon mahogany, lush **fruit bowl** is a natural golden tone; 8- x 14-inch, \$5. These individual **canape trays**, leaf shape, are of pecan bentwood, stainproof; 6¼-inch, 4 for \$2. S. E. Overton Co., South Haven, Mich.

2 In this **Flex-Seal**, steam-cook under pressure **jiffy-quick** the vegetables that ordinarily take a longer cooking time—carrots, green or lima beans, even beets or squash. Potatoes cook in 8 minutes! Of cast aluminum, its flexible, stainless-steel lid locks with a single hook; 1-

qt. is \$6.95. Vischer Products Co., Merchandise Mart, Chicago.

3 Follow the arrow in Photograph 3. Do you notice the 1-inch **Foamed Latex** pad? It's built in as top sleeping surface of this **inner-spring mattress**, to combine the resilience and support we're used to in inner springs with the gentle, unique up-holstering action of specially processed pure rubber foam. *Nachman Resilalex* construction, \$44.50, twin or full-size. Manufacturers licensed by Nachman Spring-Filled Corp., 2030 N. Kolmar Ave., Chicago.

4 Aim, shoot, and kill the fire with this **extinguisher** of swift trigger control. Its horn flexes to direct the gas without waste. The chemical, 2 pounds of carbon dioxide (dry ice), smother flame with a dense, harmless gas, is safe to use on electrical and flammable liquid fires, and won't mar furnishings. *Kidde-Lux Model 2*; \$10.85 delivered. Walter Kidde & Co., Inc., 144 Cedar St., New York.

5 Let spring bulbs bloom in this mahogany **wall rack** with recessed copper **flower pockets**. It's of Eighteenth Century influence; *No. 7700*, \$15.75 in stores. Ferguson Bros. Mfg. Co., Hoboken, N. J.

6 **Work-Safe ladder** has 14- x 15-inch guarded platform to stand on at 3-foot height! A wire hoop suspends your bucket handily alongside platform or top step. Treads and legs are non-slip; about \$4.95, no bucket. The Rich Ladder & Mfg. Co., 1000 Depot St., Cincinnati, Ohio.

7 As a **nursery dado**, or a horizontal strip 3 feet high on but one wall of your child's room, here's a scrubable, paint-coated **wallpaper**, with blackboard design to mark upon! Wash with mild soap. 12-foot roll, \$2.25. *Duray*, Clonay Corp., Cincinnati, Ohio.

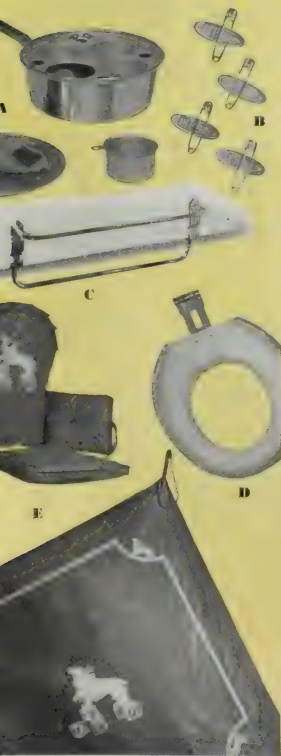
8 Comes first news of this **electric clothes dryer**! It tumbles a washful of fabric thru clean, warm air—as if windblown—to damp-dry in 15 minutes. This model requires range-type wiring. A model that will plug into any outlet is promised. It will take two or three times as long to dry, the total power cost for the task will be about the same. This model, \$129.95 not installed. General Electric Co., Bridgeport, Conn.

9 **Venetian blind** has (1) tapes and wood slats removable for easy cleaning; (2) vertical side rails to attach to the window frame to guide the slats non-flap and non-sway; (3) no cords, but a trigger latch to halt the blind anywhere. *Viking Cordless*, about 75¢ a sq. foot installed by your dealer. Carey-McFall Co., Inc., 2156 E. Dauphin St., Philadelphia.

10 New, all-metal **Hand-Cart**, 16 inches across, weighs but 8 pounds, holds a bushel basket, an ash can, or small tub. *Metco*, \$2.50. J. T. Leadstone, Merchandise Mart, Chicago.

► Bright-star ingredient we think you'll welcome for holiday baking is new **Sure-Mix Crisco**. A change in the shortening itself gives improved baking results, particularly with cakes. Its marked ability to mix with other ingredients for a smooth batter, non-curdling, results in a cake lighter, higher, and noticeably more tender. In stores. The Procter & Gamble Co., Cincinnati, Ohio.

or Baby. Stork's-Eye-View of 1940 News



A Warm four foods for baby on a single range unit, in one pan, with this **baby-food warmer**! A rack rests the lift-out cups in boiling water so foods won't scorch. Each cup's capacity is one can of baby food. Use, too, to steam eggs, custards, and such. With the rack out, you've a 2-quart covered saucepan. *Wear-Ever*, about \$1.95 in stores.

B Can't-swallow **safety pins** are 2-inch size, have wings 1½ inches across. The wings swivel to give with baby's flesh—no pressing. A card of 4 pins, 10¢. United-Carr Fastener Corp., 31 Ames St., Cambridge, Mass.

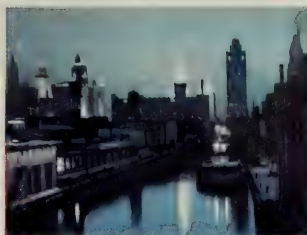
C Have you thought of a **2-bar Clip-On rack** to hold Son's **towels at easy reach**? Slip it onto the lavatory's rim; 12 inches wide, 25¢ in stores or 35¢ postpaid. The Autotype Co., Oakville, Conn.

D This enameled **PullmeDown** toilet seat attaches without tools to the rear crossbar of the adult seat. It's free-swinging and will fit between the seat and the closed toilet lid. Rubber bumpers avoid marks; \$1 in stores or from Autokraft Box Corp., Hanover, Pa.

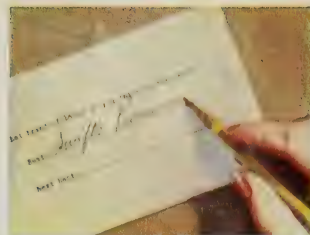
E Pert, matched juvenile pads are wetproof, yet non-rubberized, may be wiped clean with a damp cloth. At top, the chair pad, about \$1.79. Below, 41- x 41-inch play-pen rug, called the "Firm Footer." This no-seam smoothie, free of tufts or buttons, has quilted inner sisal pad for firmness, plus white cotton layer felt, for "falls." About \$3.25 in stores. *Kantwet*, Rose-Derry Company, 95 Chapel St., Newton, Mass.



What's the best bacon?



Chicago, metropolis of the middle west, is famed as the meat center of the world. Here hundreds of women were polled on their preference in bacon.



Business Reply Cards and telephone calls by independent workers were used to take the vote. Returns showed Swift's Premium Bacon decisively the victor!

World's meat center votes "Swift's Premium!"



Chicago families prefer Swift's Premium, the bacon with the "sweet smoke taste." In a recent poll, Swift's Premium led the runner-up more than two to one!

● More than twice as many votes as its nearest competitor! That was the record set by Swift's Premium Bacon in Chicago, meat center of the world.

Independent research workers conducted this poll recently. They telephoned hundreds and hundreds of women in all parts of the city; mailed out Business Reply Cards to many more. In every case, the question asked was simply—"What brand of bacon do you think is the best?"

Returns showed Swift's Premium Bacon polled

over twice as many votes as the runner-up. It led the next brand mentioned *eight to one!*

This landslide vote for Swift's Premium Bacon was a landslide vote for *flavor* . . . for the delicious "sweet smoke taste" you get in Swift's Premium alone. No other bacon has this matchless flavor, for no other gets Swift's secret Sugar Cure and special Smoking in Ovens.

Try Swift's Premium for breakfast tomorrow. It's the bacon your family will like best!

Copr. 1939 by Swift & Company

THE REASON . . . "Sweet Smoke Taste" from Swift's secret Sugar Cure and special Smoking in Ovens!



BACON BAKE HAWAIIAN (A Martha Logan recipe!)


Arrange bacon on a rack in a shallow pan. Bake in a moderately hot oven (425°F.) until browned, 10-12 minutes. No turning is necessary. Dip well-drained pineapple slices in juice from maraschino cherries and place on a greased baking sheet. Beat 1 egg, 2 tbsps. brown sugar and ¼ tsp. salt into 2 cups mashed sweet potatoes, and heap on pineapple. Brush with melted butter and place a half cherry in the center of each pile. Brown in oven with bacon.

Say Swift's Premium for the finest meats:

HAM • BACON • BEEF • LAMB • VEAL • POULTRY
FRANKFURTS • TABLE-READY MEATS

REMEMBER, THE MEAT MAKES THE MEAL





Watch the change to Chesterfield
says **DONNA DAE**
CHESTERFIELD'S JANUARY GIRL
starring with
FRED WARING'S PENNSYLVANIANS

FORECASTING MORE SMOKING PLEASURE FOR 1940

Chesterfield

Change to Chesterfields and you'll get
what you want... *real mildness and better taste.*
You can't buy a better cigarette.

At Home With Walt Disney

By Elmer T. Peterson



Here's an exclusive story about Pinocchio's real foster daddy—a more interesting character than any he's ever created . . . his family, his home, his garden, and the spectacular career that sprang from a mouse

WALT DISNEY, the fellow who has re-created and re-vitalized Pinocchio, has two outstanding yens—his home, with all that it implies, and animals.

Walt believes in simple, elemental things. He's really an enthusiastic homebody. He adores children.

I visited the Disney home one day when the air was clear. On such a day he has a 90-degree view. He can see the Pacific, and even Santa Catalina Island, about 40 miles away. Below is spread that fascinating checkered panorama of Pasadena, Hollywood, Los Angeles, Beverly Hills—another kind of fairyland—a land of dreams for many, and for some an empire of heartbreak. He can see his beloved studio, where inanimate pictures leap magically into life—where princesses and gnomes and witches and animals dwell and talk and dance to music. They dance and march on and on—into an elfin land, and we grown-ups follow them! Walt Disney is the man who has made fairy tales come true.

He doesn't care a whoop—perhaps not even a synthetic Mickey-squeak—for night spots or parties, or the gay social whirl.

INCIDENTALLY, Mickey Mouse, a character with greater national and international fame than most United States senators, was not an accident. He has a definite historical background and represents a serious development, and, you might say, a deep-seated conviction on the part of his best friend and severest critic, Walt Disney. Curiously enough, that attitude plays a part in Walt Disney's home life.



The Disneys are great chums. Mrs. Disney has been constant help as well as inspiration in Walt's rise to fame. His ideas must have the family OK before they go "in work" at the studio

But first prepare yourself for a shock—something for the book on child psychology:

"I've never made pictures for a child audience alone," says Walt. "If I had, I would have been broke long ago! And, as for frightening children with such things as the exciting sequence in Pinocchio where the whale chases the raft—I think parents will agree that children small enough to be scared shouldn't be taken to movies anyhow! (Note: Walt's own daughter Dianne failed to "click" on the "Snow White" pic-

ture.) After they're eight or nine they usually reason enough about real and make-believe life, so they aren't frightened. Before that age even the simplest sudden movements on the screen tend to disturb small tots."

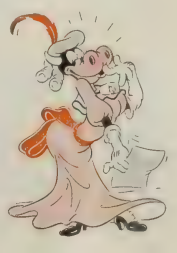
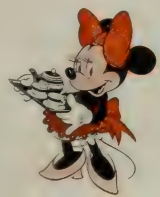
* * *

THE term "moving cartoon" has almost lost its original meaning. First it was like a daily strip comic, with grotesquely impossible faces and figures, except that it went

Walt Disney's Big Family

COPYRIGHT, WALT DISNEY PRODUCTIONS

Walt's family isn't alone the family that bears his name and lives in his beautiful home. It isn't alone those universally loved screen characters he's created. It's all those, and all Nature besides—down to the last fox and quail and rabbit that find refuge on his home grounds in the Hollywood hills



into action and took only a few minutes. It was in black and white. (The first cartoon actually drawn for motion picture film was made in 1906. It consisted of animated drawings held together by little or no plot.)

THE 1940 model takes a full feature period. It is colored. It is accompanied by music and voices. Often well-formed faces and figures, drawn in lifelike proportion, are used. It edges farther and farther away from the funny-paper technique. (In 1928 Disney presented the first animated sound cartoon. Walt's "Flowers and Trees" in 1932 was the first cartoon in color. The memorable "Snow White and the Seven Dwarfs" was the first feature-length cartoon ever produced.)

There are no actors nor actresses, no "big names" on the payroll, and thereby is violated one of the cherished traditions of film-dom.

Finally, tho it's ostensibly made as a "children's fairy story," it really isn't that at all, but chiefly an art for entertaining children of all ages.

It needs a name. Nothing like it ever existed before. "Pinocchio" is made of more than 500,000 separate paintings melted into liquid motion and decorated with sound—coming out of a strip of celluloid.

Sort of makes you dizzy, doesn't it?

That is why it seems that Walt Disney is destined to go down in history as a prototype of Hans Christian Andersen in the mod-

ern manner, for he is tremendously in earnest about creating fine, clean, amusing drama for small and grown-up children—a new kind of drama that makes the whole world kin.

I wish it were possible to relate all the incidents and the conversation that show what manner of man Walt Disney is. He plays polo occasionally, and likes badminton and popular music, but his great hobbies are his work and his home. He has the brain of a genius and cosmopolite, and the heart of a child.

He's delightfully human, approachable, and genuine, and obviously isn't at all impressed by the greatness of his achievement. This is the estimate of one who saw his pictures being made in the rambling studio on Hyperion Street, had a good visit with Walt himself, and followed his creations to their record-breaking premieres which stretched into weeks and months.

YOU see, men like Hans Christian Andersen have a deep, sly wisdom. Wordsworth voiced it when he said, "The child is father to the man." They know the universal child-heart never really grows old, and so, sometimes, we become slightly confused. Children play house, and grown-ups, off-guard, romp like 2-year-olds. So, when we say that fairy stories are for children, what we really mean is that they are for grown-ups.

Such a story is "Pinocchio," Walt's sec-



From his lawn Walt can see Los Angeles County spread out below—can even see Catalina Island, 40 miles away, when the air is clear—and he can easily spot his own studio

ond full-length feature. "Pinocchio," the beloved story of children the world over, which some unknown genius created in the dim past, and which became a permanent part of Italian folklore, is the tale of the little boy puppet who comes to life. Incidentally, in the picture are some underwater sequences of marine gardens such as have never before been seen. It's doubtful if color photographs of underwater flora and fauna have recorded anything more beautiful.

AND that brings us back to the original point—Walt Disney loves Nature and its wild things with complete absorption, and he insists upon having wild things for neighbors in his acre-and-a-half garden on the Hollywood hills, which are so steep that we may expect the mountain-goat to appear increasingly often in Walt's broad repertoire.

"Would you believe it?" he said, enthusiastically, "Here in our grounds we have foxes, quail, 'possums, rabbits, chaparral cocks, and a lot of other animals and birds, and we try to make them feel right at home."



The Disney home, suggesting the French Provincial, stands in the midst of a rugged slope. Informal terraces rather than retaining walls hold back the soil. And the Disney garden is a natural garden—he cares little for formality in anything, and prefers native flowers and shrubs altogether





Walt Disney revels in Nature and all of its wild things

Seldom, if ever, is a photographer permitted in the Disney home. Better Homes & Gardens is fortunate to bring you these brief glimpses inside

"I've watched a fox being followed by a dog. He would back-track cunningly, to throw the dog off the scent, just as he would in the wilderness. Once I saw a 'possum here. I thought at first he was a little pig, then I took another look and thought he was a rat. He wasn't scared, and I had a great temptation to pick him up by the tail. But he turned and gave me a nasty look, so I let him alone. The quails have nests here. We have a lot of birdhouses and we plant seeds of various plants to tempt the birds to stick around. And they do.

"MICE may eat a few cents' worth of cheese once in a while, but as destroyers they aren't in it with humans. They're in the same position as a lot of beetles, snakes, toads, and other generally harmless creatures. For some unknown reason, as soon as most people see a creature of this kind, they say, 'Ugh! Kill it!' Scientists tell us that most of these creatures are really friends of the human race.

"I couldn't kill any animal—least of all a mouse. It all goes back to my cartooning days in Kansas City. I had a wastebasket, and mice would get in there to find scraps of food we'd sometimes throw there. I put them in boxes and fed them. One got so tame he made a playground of a little cleat along the top of my drawing board. He'd run back and forth on that shelf, while I was at work, and I became very much attached to him. I called him Mortimer at first, but changed it to Mickey. That's how it all started.

"Mice are clean. They don't do any damage to amount to anything. They're interesting. I don't care much for waltzing mice, tho. They make me jittery."

"How about mice in your house?" I asked guardedly.



Here is the Disney living-room, all ready for Santa Claus and the family's Christmas fun

Oh-oh! That was getting on ticklish ground! But he grinned genially. All at once I sensed a queer parallel to Alice in Wonderland, who was always getting red-face because she would blunder into discussing the fact that her cat was a "good mouser." If Walt Disney's studio, with more than 700 people making pictured animals and dwarfs and fairies do impossible things, isn't a Wonderland, there never was one. So, being in Wonderland at that particular time, I entered into the spirit of the thing and began to see things from the point of view of Walt Disney, who is a natural actor and revels in his Wonderland so thoroly that he thinks and dreams of it at home, where he goes from the studio with scarcely ever a deviation.

We talked of this home. It's of simple design, leaning toward French Provincial, and it stands in the midst of a rugged slope.

"I don't like retaining walls," said Walt. "They're too stiff and formal. So I worked out a series of informal terraces, using rocks to hold back the soil. Once during a hard rain, before we got the place terraced, the soil washed down and covered the badminton court to a depth of six feet, and we had to have a fleet of trucks and wheelbarrows come and haul it back to where it belonged.

"Then we worked the landscape over again and planned proper drainage for flood water. It was a lot of fun.

"As far as gardening is concerned, my hobby is to use native ma- [Turn to page 56





Twins Under

Photographs by Merchants Photo Service

The two homes on this page were built from *Bildcost Gardened-Home Plan No. 1001A*. The only difference in the two is in the exterior treatment. Our *Bildcost Plan* shows the construction of both, so that you can take your choice of either. They were designed by Architects Talbot Wilson and Irwin Morris



Long, ground-hugging lines and numerous big windows are reminiscent of the Southwest's old-time ranchhouse

FOUR from two leaves four. That's not Wizard of Oz arithmetic. Only what has been done with the two latest *Bildcost Gardened-Home* plans shown here. Both homes on the left-hand page are from the same plan, 1001A; the only difference between them is the exterior treatment. And both on the right-hand page are from a similar but slightly smaller plan.

Three young Houston architects designed these homes for you who want beauty, convenience, and comfort at low cost. *Better Homes & Gardens* added the designs to its *Bildcost Series* because of the outstanding way they meet these wants.

Personally, I'm plumb enthusiastic about them. To me they're well-nigh perfect for the small family that wants to live both wisely and well.

Their simple, ground-hugging lines and good proportions are reminiscent of the generous ranchhouses we still see on our Southwest ranges. What I marvel at most,

tho, is the way each finds so much room and convenience in a home of its price class.

Let's see why I say that.

See how the kitchen forms a hub for the dining- and living-rooms and porch to turn on. And how the dining-room, tho a distinct unit in itself and not simply one end of the living-room, is only slightly separated from the living-room. When the family is alone, meals, reading, and living revolve in a time- and step-saving circle. When you're having a party the living- and dining-rooms and porch can be thrown together, with "party-food" preparation only a step away.

Things like this justify my lauding these houses as unusually comfortable and handy homes to live in.

AND there are other things, too. Our days begin with breakfast, going to work, getting the children off to school, and marketing. Bringing the garage and utility room next to the kitchen saves dozens of steps for you.

Think, too, of how much rain and snow *won't* go down your neck while you're going from house to garage. And with the garage out of the way, there ought to be enough room in the backyard, too, for that badminton court or those fruit trees you want.

SEE how convenient the porch is to the living-room and kitchen for summertime lounging and dining, and how it ties together the house and garden. And see how the design of each major room provides cross-ventilation without sacrificing wall space for furniture.

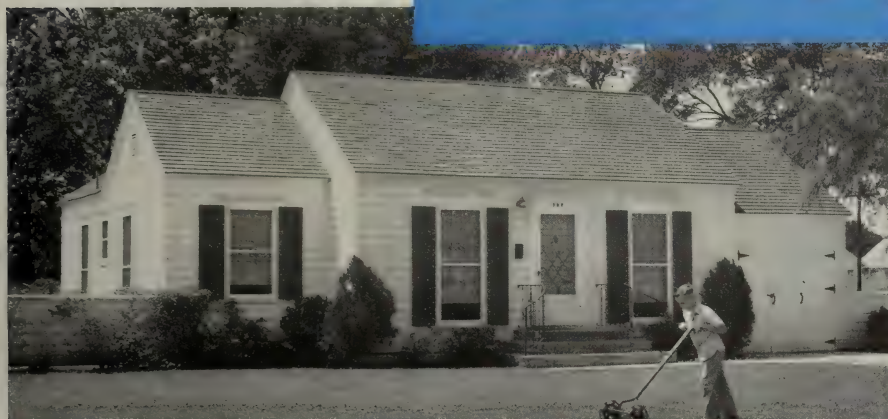
These homes can be built either with or without a basement; the plans show construction for both, and you take your choice. If you omit the basement, the utility room at the rear of the garage is planned to hold a gas or oil heating plant, water softener, and laundry tubs. If you include it, the basement stairs go from the utility room down, which makes the basement easily ac-



Bildecost Gardened-Home Plan No. 1001B

the Skin

By V. P. Ringer



Both Bildecost 1001B1, directly above, and 1001B, top of page, were designed by Architect Frank C. Dill



Only difference in the layout of these two houses (Bildecost 1001B, above; 1001B1, left) is shown by comparison of the plan and the partial plan above. Partial plan shows the setback arrangement of 1001B1

cessible from the outdoors. In northern areas that get extremely cold, you'll want the basement because it's easier to keep a house comfortable with the heating plant below the main floor.

The shown in the plans as dummies, the fireplaces can be built to burn wood and coal by carrying the chimneys up thru the center of the roof ridge.

INTERIOR treatment of these homes calls for oak floors in major rooms with tile in the bathrooms and linoleum over pine in the kitchen. For economy, if you're building in the mild climate of the South, interior walls are finished with canvas and wallpaper over shiplap. Of course, lath and plaster, or any of the prefabricated wall and ceiling coverings, can easily be substituted.

As I say, I'm enthusiastic about them. I watched them go up, I've inspected them since, and I've observed families living in them, and they're well- [Turn to page 64]

Says Mr. Ringer—

GARDEN OAKS, heavily wooded 400-acre subdivision just outside the northwest boundary of Houston, Texas, in which these four homes were built, is as perfect a setting for small homes as I've ever seen.

Opened only two and half years ago, it's now studded with 400 new homes—a feather in the cap of long-range planning and an example to operative builders. No home can be built there until plans and specifications have been approved by the Garden Oaks Corporation.

Layout of the entire addition, featuring gracefully curving streets and the latest thoughts in subdivision development, was planned by Hare and Hare, nationally known subdivision planners. All lots front at least 75 feet on concrete-paved streets and all

together have an average depth of 175 feet.

A five-acre tract within the addition has been completely equipped as a park and playground, complete with shelter-house, tennis courts, a softball field, and playground equipment—all floodlighted for night play when desired. Another tract of 10 acres has been set aside for a school to be built when needed. Permanent maintenance of parkways and esplanades has been provided for with a fund created by adding 40 cents to the sale price of each front foot of lot.

All told, more than half a million dollars have been spent for improvements and planting in the subdivision, exclusive of land cost.

Yet in this completely equipped, protected, and forward-looking development, the average sale price per lot, with paving and all-over improvements included, is slightly under \$800. It's no wonder that Garden Oaks holds more than \$1,500,000 worth of homes already.

Working plans for these Bildecost Gardened Homes are available from Better Homes & Gardens. Construction conforms to FHA standards. What will they cost you to build in your own community? See page 64

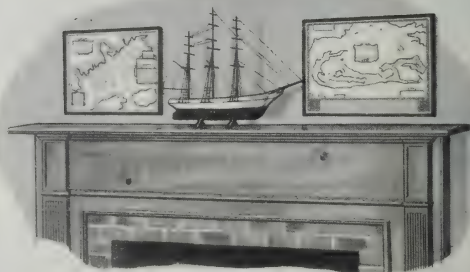
What Goes Over the Fireplace?

By Margaret White

Illustrations by Walter Young



Two smartly framed prints and a graceful figure group are simple, colorful, and direct in design for the Eighteenth-Century mantel shelf



Let your hobby ride the mantel shelf of your Early-American room, whether that hobby is blue china, hunting, or whatever. Here it's sea charts of interest and a trim sailing ship

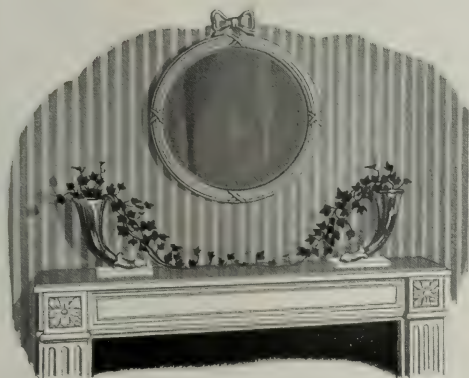


Keep Modern mantel settings simple with the decoration of today's design. The flowers are our one link with the past, but the container is of the moment, the round mirror unframed

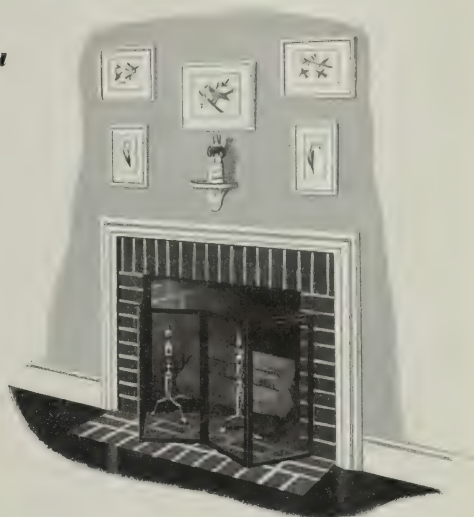


For your Early-American pine room without mantel shelf, why not a striking bird, flower, or Currier and Ives print? Center it with brackets of metal or wood for flowers on either side

Your arrangement affects your entire room, for good or bad



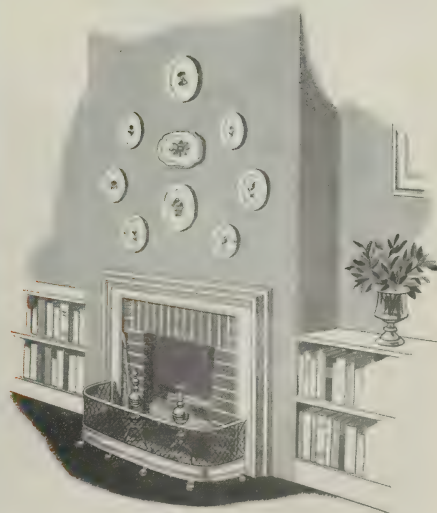
Formal, yet genuinely restful, is this grouping with a framed round center mirror and ivy trained to flow from the graceful vases, following subtly the suggested curve of the mirror



In the Colonial room without mantel shelf, a charming theme would be a Staffordshire figure on a white and gold painted shelf with well-placed bird and flower prints around it

Where is the center of interest in your living-room? Ten to one it's at the fireplace, and that means it's a spot that deserves skillful planning and constant care. If you're the lucky owner of a mantel shelf, don't insult it with a clutter of pipes, cards, letters and what-not. It ruins the whole effect of the room. Often the restfulness of a room hinges on the decoration over the fireplace. Keep it in proportion and well balanced--not too high nor too low. The most fascinating fireplaces of all tell of the interests of the families that gather about them.

So here are a few of our favorites--some with, some without mantel shelves--designed to help you to crown your own fireplace with new



If yours is an Eighteenth-Century living-room or dining-room without mantel, try an arrangement of Grandmother's lovely heirloom plates



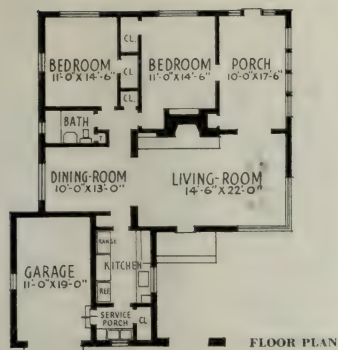
Mrs. Smith protested making the garage an integral part of the house—but look who won that round!

Architect Smith Designs His Own

An idea—Mrs. Smith made the living- and dining-rooms more open and roomy by tying them together with one 32-foot-long rug



Photographs by Samuel H. Goltzko



Built-in flower bins flank the entrance outside the wall and again here inside the patio

AN ARCHITECT'S home isn't his castle but his best advertisement.

So into it he puts his best ideas—not all of them, because one home won't hold anywhere near all—but his best just the same. Out of it he weeds all the bugs—all the faults experience has taught him to look for. He builds as he pleases. He has no client but himself, and perhaps his wife, to satisfy.

As a result, the home usually sparkles with ideas and is worth your examination.

By Nancy Park

For example, take the Miami home of Architect Robert Fitch Smith pictured here.

Smith and his wife had no trouble deciding upon the type of house to build. They agreed it must be something fresh and crisp in design to blend with exotic surroundings. It must have rhythmic lines and flowing planes, a walled-in patio, homey coziness, plenty of color, and a white roof to sparkle in the Florida sunshine.

Beyond that, they didn't always so readily agree.

Said Mrs. Smith: "I hope you won't make the garage an integral part of the house. I don't like garages that clamor for attention in the center of the stage."

Husbandlike, Mr. Smith said, "Don't be a dope, dear. The most convenient place for a garage is right in the house."

BUT he wasn't ignoring her the way it sounded. He was just being husbandlike. He put the garage in the front of the house all right, but he diverted the eye from the garage and focused it on the patio entrance. It's a little hard to point out how he did this, but you'll see it if you look at the front-view picture and imagine how the house would look if he had left off the slab over the entrance and left out the pillars supporting it, so that the patio wall would have

continued straight over to the house wall with just an opening cut thru it. See how your interest would then have shifted over to the circular window and the garage doors—and why it takes an architect to design a real home.

He eliminated a second common fault—inadequate ventilation—by giving air an almost unobstructed sweep thru the dining-room, living-room, and screened porch; by using unusually generous window areas; and by installing a forced-ventilation system for muggy days.

For you devotees of the more Modern architecture there are smart ideas centered in the patio and front entrance. Mentally picture the house without the colorfully planted, built-in flower bins flanking both sides of the patio entrance and repeated inside the patio on each side of the door, and without the delicate wrought-iron grille. Lacks something, doesn't it?

See how the turquoise pottery planted with brilliant petunias gives life to the white stucco walls. And how do you like the patio seat built into the inside of the wall?

Inside, one is immediately impressed by the appearance of spaciousness not found in most small houses. And this is how it was done. Instead of using two rugs, one in the living-room and one in the dining-room, Mrs. Smith used a solid gray rug 32 feet long, thus tying the two rooms together and creating an illusion of greater length.

MRS. Smith admits that the color scheme is her own idea, and a very good idea it is, too. Cool, tropical colors of gray, coral, and blue, with here and there a dash of soft yellow, are color notes. Standing out in relief against white walls are chintz curtains of blue, white, and gray draped gracefully beneath plain valance boxes. Upholstery on the bleached-maple furniture used thruout the home is gray, coral, and blue.

Focal point of interest for the extremely comfortable living-room is the 12-foot facing of polished Florida Keystone above the fireplace, topped off with a frosted glass shelf. When hidden lights within the mantel are lighted, the glow diffusing thru the glass shelf dramatizes the entire room.

What Mr. Smith enjoys most about his home is the screened sun-porch opening off the living-room. Without question it's the most popular spot in the house. Outside the rear door is a stone terrace, and beyond



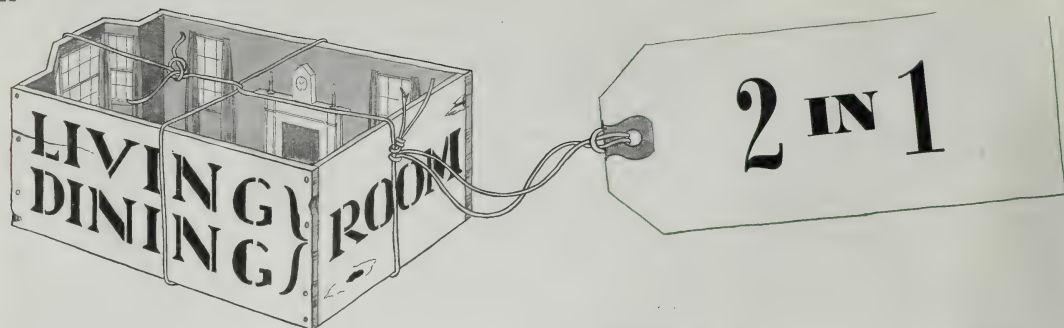
The outdoor-living-room fireplace spreads wide, with counters and seats on each side

that an outdoor fireplace built of natural stone, where Mr. Smith will go at the drop of a hat to prove he's a cook without peer. It's a handy type of fireplace. Seats ring the hearth in front, and waist-high work surfaces reach out on each side, like kitchen counters.

NOTEWORTHY about the floor plan is the close-coupled arrangement of bedrooms and bathroom, eliminating waste hall space. Unique, recessed lighting incorporated thruout the home gives a diffused luminosity.

What to do with service entrances is a problem in houses that concentrate the kitchen and garage in the front of the house. But as the floor plan shows, Mr. Smith took care of that very handily by putting the door inside the garage, where it's entirely hidden yet handy for anyone driving home with an armload of bundles from shopping. For the butcher boy, one section of the garage door swings open like a single door to admit him to the service entrance.

This is no ordinary home. It's fresh and smart. It definitely has style. . . . Which is what you can expect when a good architect builds as he pleases and writes his own best advertisement.



*A quiet but eloquent argument for combining
your living- and dining-room . . . plus a load of
smart, money-saving ideas on how it's done*

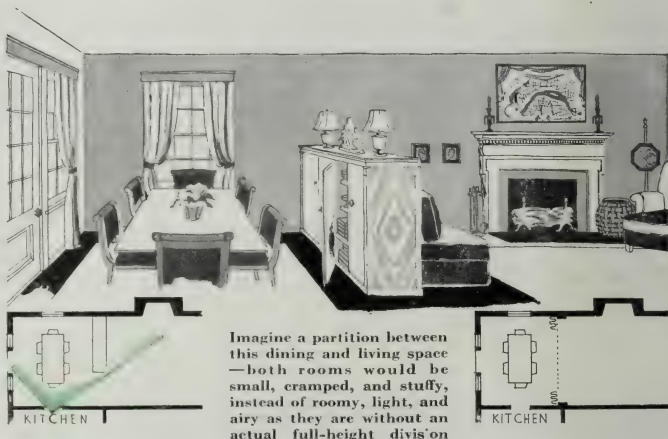
By Architect Gerald K. Geerlings

Rectangular Room

DON'T read this if you have a butler, two maids or more, and if you habitually entertain visiting royalty. But if you want to save money, save housework, and make your living-room a genuine "living" room, then some of the ideas on these two pages are for you.

Early American Colonial houses combined the function of kitchen, dining-, and living-room into one. Only the later and elegant Georgian houses, augmented by servants, had the central hall to divide the dining- from the living-room. Our present problem is to build the inexpensive, classic house which eliminates inefficiency. Any dining-room is seldom used more than two hours a day, yet combined with living-room functions it can expand into the living-room space or, vice versa, can be encroached upon for between-meal purposes.

The drawing to the right shows the simplest form of the combination room—the rectangle. The illusion of two rooms can be created either by the furniture arrangement, as in the perspective and its plan, or by hangings, as suggested in the alternate floor plan to the right.



Imagine a partition between this dining and living space—both rooms would be small, cramped, and stuffy, instead of roomy, light, and airy as they are without an actual full-height division

Rectangular Room With Bay

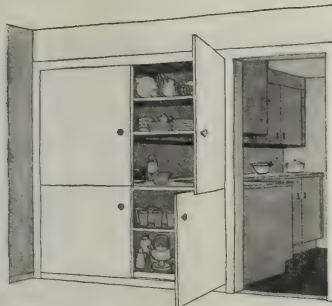
HALF the fun of a picnic is eating outside, and half the delight of a dining-room is to feel as if you were outside (with the added comfort of indoor warmth in the winter). Hence the emphasis on the large bay in the arrangement to the right, with the circular dining table and chairs.

With this arrangement the room can be smaller than one with a rectangular end and yet in effect be a larger, lighter room. Seated at the table, everyone gets a variety of views outdoors. One side of the bay could well be a door, so as to admit to the garden in summer. In winter, potted plants and ivy keep up the outdoor-dining atmosphere. And as one end of a combined living-dining room, it forms a cheerful focus. Between meals it serves as a place to write letters, plan meals, study, and read, not to mention the feasibility of playing games by adults after supper, and by children before the evening meal. Literally and figuratively, it can be the family circle.



A large bay for dining costs much less than a separate dining-room and adds greatly to the size, the lightness, and usefulness of the living-room

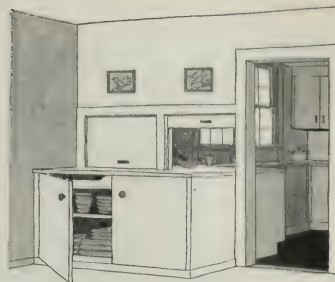
Passaway Cupboards



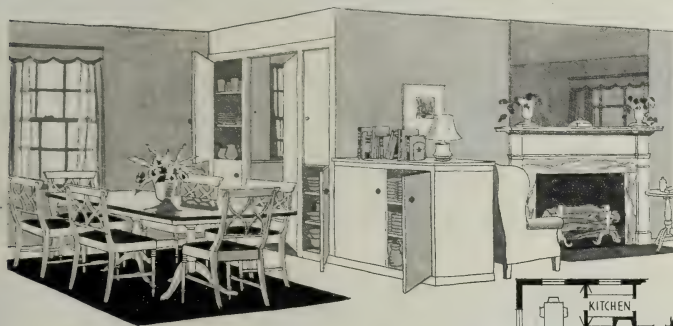
Doors open into cupboard from both kitchen and dining sides. The table is set from the dining side, soiled dishes are stacked on the middle shelf and washed from kitchen side

IN A small house you can make it just as easy to serve a meal in a dining-living room as in the kitchen or a dining alcove. With an ample passaway cupboard, the kitchen need be only 8 feet by 11, as in my own house. And the cupboards make it more convenient and much more pleasant to serve a meal on the dining table than in the kitchen itself, for in the preparation of a meal there are pots and pans and what not which otherwise would have to be piled on the sink, range, and counter surface.

In our household in the last 15 years we've tried all three arrangements: serving in a large old-fashioned kitchen, in an alcove, and now in the combination living-dining room. We all vote 100 percent for the latter! That goes for being with and without a maid, with and without children, and for the last nine years bringing up two children. The latter now have their appointed jobs; setting the table takes about three minutes, clearing is done in about two, and washing up after dinner in about 11.



Here a waist-high passaway is located halfway in each room. One or more sliding doors eliminate many trips to the kitchen during meal-time and make clearing the table child's play



Instead of the medium-height cupboard serving the dining area, it could as well be a bookcase opening toward the living-room side. Note that the dining table is screened from anyone sitting at the fireplace

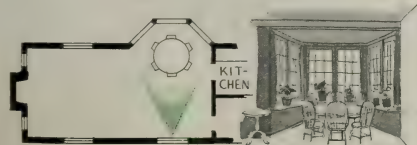
L-Shaped Room

WHEN we lived in a house with a central hall, everyone who came into the hall at mealtime would see us at once and say: "Don't get up. Don't mind me. I'll just sit and watch you eat." There was no privacy whatever. So when we built our own house we decided on a combination living-dining room, and a hall which didn't open into the dining end.

In the sketch to the left, note how a large holiday dinner or family-reunion party can overflow into the living-room area, and how much more adaptable it is for a good-time party than to have some guests in a separate dining-room with a hall between it and the living-room. The kitchen is so planned that there is a passaway cupboard on each side of the swinging door to the dining space. In our own case, when we have large informal dinner parties, the guests file by the dining table to get food on their plates or trays. Then they sit at a number of small tables scattered about the room.



The plan below and the small perspective sketch indicate an alternate scheme, having a large glass dining bay off the corner of the room next to the kitchen



T-Shaped Room With Variation

WHEN we first planned our own combined living-dining room we didn't realize that we were about to save money in more ways than one. The combined room didn't take as much furniture as two rooms would have, so by spending less we actually were able to get better quality than if we had "spread it thin."

We chose dining chairs harmonious with the living-room chairs so they can readily be used in conjunction with them. When an unexpected group of friends comes in, the room automatically speaks its own welcome because the additional chairs are a standing invitation to sit down. This eliminates the common remark when there aren't enough chairs: "Please don't bother bringing in another chair. I won't stay but a minute." Obviously there's better heat distribution in winter and better air circulation in summer.

In the larger of the two drawings to the left, the dining area is virtually a large bay centered on the long wall of the room. Curtains can be drawn if it's important to cut off the view of the dining table when guests are expected, or while it's being cleared after dinner.

FOUND: A FOUNTAIN



BEFORE AFTER



IF YOU'RE wondering what it'll cost you to bring your old place up to date, perhaps Judge and Mrs. Donald E. Long, out in Portland, Oregon, can help you. They and the previous owner, a Mrs. T. W. Watts, completed the little job pictured above for \$1,500. And that price takes in some things you can't see, like a new staircase, new bathroom fixtures, new hardwood floors upstairs, painting and papering thruout, and plastering the attic to make a nice playroom.

Outside, they raised the new roof right over the old. They hung a double thickness of building paper over the old siding, then nailed

new sheathing and shakes over it. They dressed up the windswept porch stretching across the rear of the house into a glassed-in sun porch overlooking rolling hills and sunsets and the lighted city of Portland. The home, by the way, commands one of the finest view sites in Portland's exclusive Alameda.

It looks like they got a lot for their money. They did. The interior room arrangement was good and needed no changing. But there's many another old house that can be restyled and as soundly improved as this one was without hacking the whole place to pieces.



BEFORE AFTER



DR. AND MRS. J. R. Jowett used to walk up and down in front of their 50-year-old home in Clinton, Iowa, and cock upon it a rather sour eye. It needed paint and a new roof, and the old porches were getting pretty ramshackle. The big front porch wasn't any good to them at all. They lived on a busy highway and hadn't used it for several years. Keeping it clean was a chore.

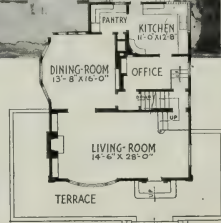
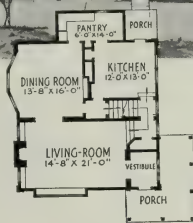
One day they had Architect Walter Bort out, and all of them did a lot of walking and pointing and talking, and Mr. Bort was reassuring. "It won't cost much more than repairing the old porch, and

you'll be surprised the way youth and style come back," he said.

The groans of the old porch were full of pain and despair as the carpenters went after it with their crowbars. And the groans and misgivings of Dr. and Mrs. Jowett were almost as agonized when they saw how woebegone their place looked without it. "We would gladly have replaced it," admits Mrs. Jowett. "But not after we saw what a face-lifting the new doorway, shutters, and paint gave it!" No other changes were made, note. They used even the old porch columns. Summed up, it's a triumph for remodeling.



MOST exciting remodeling job of the month is this Portland, Oregon, home of the Elmer T. Henrys—a neat demonstration of how you can bring youth and style to that big, boxy home of yours typical of 25 years ago. If you don't own one to remodel, you might give a thought to doing what the Henrys did. They bought the old house and lived there while the carpenters were at it. They made both interior and exterior changes, but basic structural changes are negligible. Pruning away the four-foot overhanging eaves and front porch and restyling the bay window and entrance made the major difference. But a smart trick, too, is the terrace built up across the front to hug the house to the ground.



Before

FIRST FLOOR

After



WHEN you're talking about bringing a house up to date, you can wisecrack that the O. F. Wilkinsons, Kankakee, Illinois, didn't bring theirs up far enough. It's true that adding the steeply sloped edging of roof to hold the roof line and hence the whole house down to the ground is architecturally questionable. But it's an inexpensive device, and it has done much. The only other way to reduce the gawky height would have been to add a wing on one side.

Remodeling the house was a kind of family project. Says Mr. Wilkinson: "I lived in Kankakee seventeen years and paid \$6,750

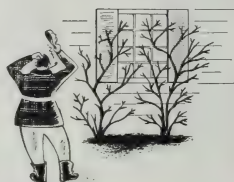
in rent before I figured out it would be cheaper to buy and pay the rent to myself. A new seven-room home cost more than I wanted to pay, so I bought the old place and laid new hardwood floors and sanded them myself. My wife, daughter, and son-in-law removed five coats of paint from all woodwork, filled the floors, and did the varnishing and painting. Then my brother-in-law came over from Crawfordsville, Indiana, and we went to work in earnest."

These four homes add up to this: Most any old house of any size, shape, or age can drink at the fountain of youth if you'll lead it up.

Pruning Rights and Wrongs

By Henry Merkel

Black lines represent the form of the shrub after pruning; dotted lines the part removed. White lines, except in Sketches 6 and 7, indicate the resulting growth of the shrub



1. Butcher Method: When a shrub grows too tall, the tendency is to remove its top (black arrows). Instead, cut back the main branches to various heights (white arrows).

Practical Sketches by Lindsay Field



2. Barber Method: Don't merely bob shrubs to unnatural, too-formal outlines. This destroys their grace and blooming. For full details of all illustrations, see text



3. The Fountain of Youth: The life of overgrown shrubs is rejuvenated by removing the most branched wood and cutting the strong shoots to various heights



4. Pruning Spirea: Spireas become ungainly unless the branches with fading flowers (white arrows) are removed. Then bush retains arching habit. See text





WHEN I got over to Ossie Whalen's he was sitting on his steps reading a book and looking worried and black. "I've been out here two evenings now studying this book and trying to prune those lilacs," he growled, "and the rules don't fit." He slapped his pruning shears into my hand. "You're a nurseryman. Go to it."

Suddenly he was apologetic. "Sorry to bother you, but last year I cut them back my own way to keep them from getting too big and didn't get any bloom at all."

"That the only reason you're pruning this year—to keep them from getting out of bounds?" I asked.

"What else," he shrugged. "They're getting so big I can't reach any bloom they have without getting the stepladder out."

Right then and there I gave Ossie Whalen a lecture, for anyone who thinks shrubs need pruning only because they're growing too large is way off the track and running wild. There are four good reasons for pruning, and pruning to control size is the least of the four. Let's set them down, textbook-like, and get a good look at them: (1) to keep their beautiful form; (2) to produce more fruits and flowers; (3) to keep them young and vigorous; and (4) to control size.

Pruning is somewhat like educating our children—we train them the way we want them to grow. For goodness' sake, don't use the common butcher and barber pruning techniques depicted in *Sketches 1 and 2*. The butcher method gives you a dense, twiggy growth on top and nothing but naked branches below. And the barbering destroys the shrub's grace.

Shrubs differ from trees largely because they send up more than one cane or stem from the soil and renew their growth annually by sending up more canes. Some of these, either the young or the old ones, must occasionally be removed; otherwise there are soon so many that none has room to grow vigorously or produce normal flowers and fruits.

Two Pruning Rules: Flowering shrubs differ so much that when we go out to apply the general pruning rules, each of our favorite shrubs seems to be an exception. However, two good practices apply to all shrubs:

1. Before cutting, study the shrub carefully. Mentally picture how you want it to look when you finish; also after the next season's growth. Prune to encourage the natural growth habit and the form best suited to its location—whether upright, spreading, horizontal, or recurving. Trace down superfluous, too old, or too weak branches and remove them at the ground line or as low as possible without leaving a bare stub. Always commence cutting at the ground line and work upward. You'll be surprised at how much simpler and easier that makes pruning.

2. To keep your shrubs young and comely despite the advancing age of their roots,

prune so that little or none of your work is visible. Don't leave heavy stubs, because next season a mass of small, useless branches crop out just below the end of each stub. Instead, trace farther down the stem you're cutting until you come to a fork or desirable branch, then make your cut just above this branch. If there aren't any branches, cut the stem off at the ground.

Now let's see how to apply these two general practices on individual shrubs in your garden.

Spiraea Van Houttei: Our objective in pruning *bridalwreath* is to produce flowers and also to keep its gracefully recurring growth. We want the branchlets to extend nearly to the ground, to hide the bare stems. That's the kind of *spirea* we want and here's how to get it.

You need to understand first that *spirea*, like most shrubs that bloom in early spring, produces flowers on short branchlets developed the previous fall. A normally mature *spirea* has a dozen or more flowering stems, with young shoots coming on annually to replace old ones. You can easily pick them out by their size and their much darker bark. Prune out at least a third of the oldest stems by cutting them off as closely to the ground as possible. Save an equal number of the best young green shoots working their way up thru the body of the shrub; they are straight stems, without branches, often without leaves till they reach the top of the plant. Cut these young shoots back at staggered lengths—one, two, and three feet above ground. This keeps the plant properly filled out with branchlets and leaves from the ground up.

Now the job is almost finished. Most of the remaining flowering wood—the branchlets that produce flowers—is curving outward and downward, but some may be shooting off in an undesirable direction; cut it out, but take care to remove no more flowering wood than necessary. Make such cuts just above a branch or bud and preferably immediately after the old flowers are gone, so that new flowering wood develops for next season's bloom. (Study *Sketch 4*.) Note that the left side of the bush hasn't been pruned, so that each succeeding year's growth takes place farther out from the center of the shrub and causes it to bend over. Proper pruning on the right side results in a graceful yet compact bush.

Other flowering shrubs you should prune much as you prune *spirea*, and preferably right after the flowers fade, are: *berberis*, *caragana*, *cydonia*, *deutzia*, *forsythia*, *lonicera*, *philadelphus*, *physocarpus*, *rhamnus*, *rhodotypos*, *ribes*, *symphoricarpos*, and *weigela*.

Regel Privet: We want *Regel Privet* for its rugged, horizontal habit of growth, for its beautiful, deep green foliage, and for its great clusters of winter berries.

So *Regel Privet* (study *Sketch 5*) requires

little pruning other than removing all young canes from the base of the plant as soon as they appear. Otherwise they shoot thru the body of the shrub and form a new top above the plant, thereby destroying its beautiful horizontal growth and making it tall.

This same pruning rule applies to *kolkwitzia* and to all low- and medium-growing coteoneasters.

Lilacs: Our common lilacs sucker freely from the roots. Remove all these sprouts except a few of the sturdiest; leave these as a reserve should borers destroy the old stems.

Lilacs often grow too tall, making it hard to reach or enjoy the flowers. Here's why, and the way to keep them from it. Each season the terminal growth always develops a fork. When both prongs of the fork are allowed to remain, the terminal stems crowd each other, forcing upright growth.

If you remove one of the two prongs (see the dotted lines in *Sketch 6*) immediately after the old flowers fade, the remaining prong has room to spread laterally. The result is a wider, lower shrub with a more or less open center in which no branches are crowded or shaded.

Old plants already too tall can be corrected by removing the inside prongs of forks down the entire length of the stem. This is much better than heading lilacs back, because heading back destroys practically all the flowering wood.

Other shrubs you give this moderate pruning are *amelanchier*, *aronia*, *chionanthus*, *dogwoods* (except those grown for colored stems, which should be cut back severely each year), *euonymus*, *ilex*, and the entire group of *viburnums*. Many of these are valued for their fruits—another reason for moderate pruning, for severe pruning stimulates excessive wood growth with a corresponding decrease of beautiful berries.

Hydrangea Peegee: We grow fall *hydrangea* almost exclusively for its immense, heart-shape panicles of white flowers.

As on most fall-flowering shrubs, all bloom is produced on new shoots of the current season's growth. The shrub should, therefore, be pruned in March, before new growth begins. (Study *Sketch 7*.) Entirely remove all weak branches and cut back the strong ones to short stubs having not more than three sets of nodes or buds. Then you're assured of strong new shoots and immense heads of flowers.

Other shrubs you prune this same time and way are *abelia*, *callicarpa*, *ceanothus*, *colutea*, *hibiscus*, *mahonia*, *potentilla*, *sambucus*, *sumac*, *tamarix*, and *vitec*.

Fountain of Youth: Now that's the way you prune shrubs already in pretty good shape. Complete rejuvenation of an old, unsightly shrub demands more heroic and drastic treatment. Heaven knows, I've done it often enough to know.

Suppose, for example, [Turn to page 69



Ponderosa Lemon,
ctured actual size

This Hoosier Grows Lemons



The author and one of his pets at
his Indiana home, "Hickory Hill"

*north of the Mason-Dixon—but inside a
conserratory. Citrus-growing is a fascinating hobby for
greenhouse or dining-room window locale. Ever try it?*

By Benjamin Wallace Douglass

When a Lemon's Not a Lemon: Here's some background that just goes to show the kind of fun a horticultural hobbyist gets into. In Mr. Douglass' story, he devotes some six long paragraphs to the "Otaheite Lemon."

When a couple of kibitzers saw the reference they raised their eyebrows loudly. No such thing as an Otaheite Lemon, they said.

"All right," said our contributor, "if it isn't an Otaheite, then what is it? It'll still be Otaheite to me until you prove it otherwise."

Citrus experts were queried. "It's a Meyer Lemon," said some. Others insisted it must be an Otaheite Orange—but that guess was squelched when the fruit was sampled. It looked like a lemon. It tasted like a lemon. It must be a lemon.

To shorten a long story—a University of Florida horticulturist finally smoothed out the situation by clearing up the identification problem.

He first thought it might not be a lemon. But when he tasted the fruit, the decision was that it could easily be one of the many expressions of the Meyer; which, it seems, is unpredictable. "It's evidently considerable of a botanical mixture," he writes, "as we get about 300 different things from 300 seeds."

So that's the end of the story. You and Mr. Douglass can call it an Otaheite if you want. Or you can call it a Meyer. It's all the same to us—it tastes the same by any name, and you can put it in our lemonade anytime. *Editor.*

HAD it not been for the lemon trees we might have gone to Florida last winter.

I don't mean that lemons give me hay fever or anything like that—it was our own lemon trees, in Indiana, that had to be cared for. We could have left the dog with a neighbor, turned the cat out to shift for himself, and drained the water pipes, but there was just nothing we could do about the lemon trees.

In midwinter one can't haul a whole grove of citrus fruit over to a friend's house and say, "Here, take care of this stuff for me—I'm going to Florida."

So, if you have a lemon tree, don't plan on going to Florida for the winter. The compensation, of course, lies in the fact that you have a delightful part of Florida right in your own home.

WE STARTED growing citrus fruit years ago when I bought a Ponderosa Lemon tree from an eastern florist. It arrived by post one winter day, and was taken to the basement to be potted. When I unwrapped it and took the poor little wilted plant in my hand, I thought it a hopeless case, and for a few minutes I considered consigning it to the furnace. However, my Scotch ancestry asserted itself. I remembered that I'd paid thirty-five cents for the tree.

It consisted of a single stem, less than a foot tall, with half a dozen broken, wilted leaves. (It didn't look like 35 cents worth.)

I cut off most of the leaves, reduced the size of the others with a pair of shears, planted the roots carefully, and gave the plant a big drink of water.

For several weeks nothing happened. The poor little wretched-looking plant neither grew nor dried up.

Finally, to our delight, new shoots began appearing on the stem and they grew with astonishing speed. Leaf after green leaf ex-



panded, as bright and shining as a new morning, and, almost before we knew it, we had a lemon tree growing in our living-room—in a south window where it got plenty of sun.

The first year the tree didn't bloom, but early in January a year later, strange new buds began to appear—not the sharp-pointed leaf buds with which we were then familiar, but plump, round, dark green buds that could mean nothing less than bloom. If you know and love plants, you can imagine our excitement. We had seen plenty of lemon blooms in the South, but that's entirely different from producing lemon blooms right in your own home, with snow piled on the window-sill.

THE catalog told us that the Ponderosa Lemons often produced fruit at an extremely early age. However, we weren't expecting any fruit. We were glad enough to have a cluster of bloom—because Ponderosa Lemon bloom is something to write home about.

But, as often happens, the catalog was quite right and our tiny tree "set" a single fruit that first year.

We had never seen a Ponderosa Lemon before. The catalog stated that the fruit was very large. For a nursery catalog I think that statement should have the modesty prize. Ponderosa Lemons are more than very large. They are tremendous, and this first fruit on our tree grew so big that the small stem was entirely inadequate to support it. I wove a loose basket, or sling, in which we placed the lemon and then tied the sling to a stake. When ripe the lemon weighed nearly two pounds—the entire tree, root, stem, and leaves couldn't have weighed more than a few ounces!

These lemons are so large and so round that many of our friends think they're grapefruit when they see them on the tree.

When our tree was several years old we added a small conservatory to our house, opening from the living- [Turn to page 60



↑ Mrs. Douglass—she's "Clara" to the scores of famous visitors to Hickory Hill—holds four of last year's household citrus crop. ↑ Left, as luxurious in appearance as a cluster of orchids—Ponderosa Lemon blooms

Backyard Winter Fun

*You can have an ice-skating rink
right on your lawn; no trouble at all*

By Robert C. Bishop



I CONVERTED our backyard into a small-scale winter resort. Not a whole miniature Sun Valley, or Lake Placid, or St. Moritz, but the equivalent of it in ice-skating fun. Our entire lawn became an ice-skating rink.

The ice was built up directly on the lawn and less than a half-inch thick in many places. Have no fear that it will harm the grass; you may be assured that it will not (if you don't let it stand on the dormant grass for a long period.—Ed.).

The rink may be made any size, but for all practical purposes, a more or less circular one approximately fifty feet in diameter is the most feasible. This allows skating around the edge with a natural stroke and plenty of room in the center to practice what Sonja Henie and other fancy skaters term elementary "School Figures." It's neither too big for one man to construct nor too much of a chore for an ordinary businessman to keep shoveled in addition to the walks.

I have taken four inches of snow off in less than a half hour, altho I must confess I paid a whole dollar to have fourteen inches removed once. If a square rink is built, you will find the corners aren't used, so the extra time in building and shoveling isn't warranted.

Now as to construction: Let the ground freeze hard to a depth of three to four inches. A week of good cold weather will accomplish this providing no snow has fallen. Otherwise,

shovel the snow off, or allow a longer length of time. No banks are necessary to hold the water. Start from the bare lawn and build the ice up. Don't use a nozzle or spray, but let the water run free from the end of the hose. This will allow

more water to be delivered on the rink per minute and therefore will take much less time to flood. Wet the grass thoroughly and let freeze. Repeat this operation until ice is thick enough to skate on.

WITHOUT any snow, about 20 coats are necessary, but if snow is available, and it generally is, the time may be cut almost in half. For the first three or four floodings, throw a few small piles of snow back on the rink before flooding. Then push this over the ice and grass with a wooden pusher. This will fill in the small holes and indentations, and the ice will build up very quickly.

After the grass has been covered, use a steel pusher, preferably 24 inches wide, to remove any new-fallen snow. A steel pusher cuts down any bumps and does much the neatest job. After the first snowfall, shovel the snow so that there's a neat bank of snow all around the edge of the rink, and flood the rink. The water will creep up the snow, freeze, and form a solid mass about two inches high. This will hold the

water on the rink in case there is hard thaw.

My own experience took only seven hours of work to make the rink. I started on a cold Saturday afternoon, pushed the snow off the grass with a wooden pusher, and flooded it. In an hour it was frozen so that another flooding was made before supper, and two after supper.

Sunday afternoon and evening saw four more floodings, up a little early Monday accounted for another; a quick one at noon, 5, and 7; and then we went skating. The first coat took the longest—about an hour. The next two coats took about one-half hour each, and all the rest only fifteen minutes each.

Needless to say, the hose has to be taken in and kept in a warm place between floodings to keep it from freezing. After the rink is built, a couple of floodings a week to compensate for what is scraped off by skates keeps the rink in fine shape; and in no season has the water bill been increased over two dollars.

AS WE have two youngsters, I made a fair-size snow slide and wet it each time the rink was flooded. This made the surface solid ice; and while sleds, toboggans, and dishpans were very popular, the children, even to the smallest, enjoyed coasting down on skates.

Many evenings we older folks take over the rink, and we can think of nothing more enjoyable than to have a group of six or eight skating for an hour amid white snowbanks under a glorious moon—and then hot chocolate and cakes next to a roaring fire. We also take out an old phonograph. The "Skaters Waltz" and other records are a fitting addition to the fun.

IN PARTING may I suggest to you who are going to buy skates—get the rocker type with the saw teeth in front, for either children or grown-ups. They're used by all fancy skaters. The saw teeth will not trip you, and they're just as easy to navigate with as the tubular and hockey skates. And, above all, don't get them too big. Get them large enough to last two seasons if you must, but for the enjoyment of the child, no bigger.

With a pair of rockers, you'll find yourself going to the public library to get a book on figure-skating. Copy down the first four "School Figures," practice them a few minutes each time you go out, and you'll be surprised at how accomplished you'll become within a very short time.

Most books also tell you how to fall gracefully!

**"We older folks
take over the rink"**



Here's an Idea!

REG. U. S. PAT. OFF.

These problem-solvers have been gleaned by our Home-Furnishings Editor from all parts of the U. S.

Mohawk Carpet Company



A smart idea for a small room. An allover trim carpet design with walls, for interest, patterned and plain, and space created with functional furniture that takes its place around the wall

Frederick Loeser & Co.



↑ Solve it this way if your windows would be overdressed with draperies, yet need color to tie in with a dressing table. First a chintz valance to match the table skirt, then a piping on the organdy curtains in a hue from the chintz

Gordon Coster, Marshall Field & Co.



↑ Here's a new and captivating scheme for your attic room! Mr. and Mrs. C. E. Wickman, Wilmette, Illinois, have given theirs a distinctly Swedish flair in decoration and accessories. Maple and painted furnishings are stunning against pine paneling

Fine flower prints— they could be birds, or whatever your hobby is—are striking in a Modern setting. Mount them on a black ground and cover with a plate of glass

Grignon, Nairn Sealex



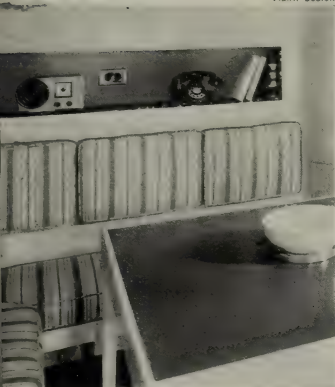


◆ You can do it if your heating system is adequate and up to date. Take down the doors into your sunroom and turn it into a delightful conservatory. They're coming back, these Victorian green rooms, but in simple, Modern dress

Hedrich-Blessing



Nairn Sealex



◆ Just the thing for saving space yet adding real comfort in your breakfast nook. Simply hook the cushions of your bench right on to the wall. And don't neglect the handy recess chopped out of the wall for phone, radio, and books

It's as easy as this to make the view into your sunroom refreshing, inviting, and important. A graceful metal stand takes healthy care of your plants. Grouped together they grow better, are far simpler to care for

Hedrich-Blessing, Marshall Field & Co.



A. F. Sozio, James McCreery & Co.



◆ Here's a great idea for the home or room with too many doors. Just paper them like the rest of the room

↑ It's astonishing how mirrors will enlarge and modernize a room, adding loads of distinction. Frame the fireplace clear down to the floor with good mirror glass

Gardening Guide

By **Fae Huttenlocher**

Associate Editor, Better Homes & Gardens

Ellin Gardens Stage Comeback: Terrariums—the name is awfully stuffy, isn't it—are back for a rollicking new fling. Climb on the bandwagon and have some fun with them.

Midget greenhouses in principle, these under-glass gardens of Victorian days hold smart new interest for indoor gardening—if planted in something besides the ordinary old fish bowl or square aquarium.

Just for fun, to grace the mantel, window, or dining table, try your terrarium revival in a pair of globular brandy-inhaler glasses, available from any modern glass manufacturer. Or ransack your antique shop for one of those old gas-light Pullman globes, or get out grandmother's old cake plate, with its inverted crystal cover, or her old glass butter or cheese dish with its high rounded cover. Or you can get truly Victorian effects by using one of the inverted glass domes that once covered clocks and those hair-flower monstrosities.

Glass covers we show here are available on today's market. If you lack antiques, inquire at your department store for individual glass bakers with dome covers, and plant a pair as mantel decorations. Battery jars and old grocery-store candy jars are different, too.

Terrarium Soil: After selecting your containers, put in enough gravel to cover the floor of each. Over that place a 1½-inch layer of 1 part leafmold or peatmoss mixed with 1½ parts of



Yew, selaginella, and pteris are a background for Geppeto. At his feet are wood chips and the log from which he carved Pinocchio



As a mantel companion for Geppeto, here's Pinocchio in a garden of pteris, fittonia, and holly ferns. Inverted candy jars might be used

rich garden soil. Soil formed into miniature hills and dales makes for a more natural planting.

Plant As You Please: Now you're ready to plant. Give your genius full play. Make gardens you've dreamed of but couldn't have!

You'll find that placing the taller plants on one side, with lower-growing varieties on the other, and some dominant plant near the center, produces a more pleasing effect than when plants all of similar height are used.

Not all plants enjoy the humidity and excess moisture of a terrarium. We've used some of the most successful in our five terrariums pictured here.

Terrariums are more successful if plants of similar habitat are grown together. So here are other good terrarium-dwellers grouped according to habitat:

Wild things (they prefer acid soil): Sheet moss, small ferns, lichens, tiny seedling evergreens, violas, Birdfoot Violet, partridgeberry, wintergreen, moneywort, and hepatica.

From the florist (they prefer alkaline soil): African-violets, Hahn's Miniature Ivy, fittonia, maranta, table ferns, angeltears, strawberry-geranium, Trailing Fig, pothos, peperomia, croton, and sedums. Your florist may have other plants that will enjoy terrarium humidity.

Terrarium Care: Sprinkle the soil and mosses thoroughly when they're planted. Don't water too frequently or the plants will mold. No set rule can be given for watering, but a light watering with a bulb-sprinkler or laundry bottle once every month or two is usually sufficient. If mold appears on the soil or plants, you're watering too much. Remove the mold immediately and lift the glass top a little to allow more air, until all mold disappears. The safest test is to work the soil with your fingers. If it's crumbly and shows no moisture, you know it needs sprinkling.

Keep your terrarium in diffused, not direct, sunlight. In winter a north window is the best location. Keep the cover sparkling clean. Miniature figures may be used as a point of emphasis in the terrarium planting if so desired.

Adults aren't the only ones who enjoy these interesting under-glass gardens. They're proving to be delightful gifts for youngsters' rooms, serving as awakeners of youthful interest in growing things. You'll find Walt Disney's books a source of inspiration. Marc Leeds, the Chicago florist who made these gardens for us, says the market now offers a wealth of little figures appropriate for miniature garden-making.

You'll find it a never-ending winter thrill to lift the terrarium cover and catch that exquisite woody fragrance of moist soil and spring.

Pan's garden grows green with the contrasting foliage of boxwood and selaginella. A modern bell glass is used as a cover on a black glass dish

Pan's companion is a cheerful Chinese beggar seated beneath ardisia in the background, with strawberry-geranium or saxifrage around him

Grandmother's old covered cake tray holds this little garden of baby-tears, selaginella, and fittonia. Use it on a dining table or buffet

Photographs by Hedrich



JANUARY OUTDOOR

Gardening
Guide

By John Van Dyke Mannin

Pacific-Coast Edition



★ There's a Japanese Quince with wavy branches, called *contorta*, which is very charming for arrangements

Hardy anywhere in the West, the various Chinese Sauber Magnolias bear gorgeous big tuliplike blooms, purple to white



SPRAY WITH
LIME SULFUR

SPRAY

★ Pull off and rake up old rose leaves, and spray the soil and plants with lime-and-sulphur

Daphnes are superior → shrubs because of their foliage and exquisitely fragrant white flowers



COMES January and the winter rains, rain soaking into the lawns, frosts bronzing the arborvittas and the boxwood hedges, and mats of the lavender heath blooming lustily on banks. All thru California early camellias are in bloom—at Pasadena, in the Bay Region, at Sacramento. The first Chinese Magnolias, flowering peaches, and Formosa Cherries open this month. Now, even in the coldest spots, the Chinese Witch-hazel (*Hamamelis mollis*) festoons its branches with fuzzy yellow flowers.

Shrub and Tree Planting Time: In most of the West it's planting time for deciduous shrubs and trees, for roses and wisterias, for pines, junipers, and cedars, for camellias, azaleas, daphnes, and all hardy trees and shrubs. Be sure you dig large holes, spread out the roots, and tramp the soil firmly to leave no air pockets. Water repeatedly till the ground is thoroughly soaked. Tie the trees securely to a strong stake. In the Northwest this planting waits till late next month when the cold spell breaks.

Plant Roses This Month: In all the West except the colder parts of Washington and Oregon, it's rose-planting time. If you've prepared soil ahead of time, roses grow that much faster. But don't put plant food in contact with the roots now. Mix it with the soil at the bottom of the planting hole at least 3 inches away from the roots. Don't feed from the top until there's at least 2 inches of new growth.

Mop Up Pests: Next to planting, or perhaps ahead of it, spraying is the job of the month. Now while plants are dormant is the best time to make a real clean-up. In the Northwest wait till the cold spell breaks and spray before new growth begins. Use lime-sulphur or miscible oil, and spray with plenty of pressure to cover trees and shrubs completely. This usually means using a power sprayer, but it's the only way you can really check thrips, scale, and the fungus pests.

Delphiniums and cinerarias are nectar and ambrosia to slugs. Keep metaldehyde bait around the plants to protect them. If wire-worms attack beds of pansies and violas, use one of the commercial dichloroethyl-ether preparations.

For Spring Color: Set out Painted Daisies, English Primroses, scabiosas, godetias, larkspurs, bedding begonias, Iceland Poppies, and pentstemons for early spring bloom. . . . In the shade, plant *Primula malacoides* and the larger *obconica*, both available in many new colors. With violas

and bedding begonias, they're a grand combination for shady window boxes. . . . Violas and pansies set out now in bloom may stop flowering in a couple of weeks to begin again by the end of the first month. Get short plants, the smaller the better, if you want big flowers and bushy plants. . . . Set out cinerarias in protected shady spots in a rich, light soil mixture of $\frac{1}{2}$ sandy loam, $\frac{1}{2}$ leafmold, and $\frac{1}{2}$ rich compost. . . . Primulas and begonias like the same soil mixture. Watch the watering. If too wet, they'll damp off. And they don't like it dry. . . . Stocks set out now should bloom by the end of March. Snapdragons take a month longer. Don't plant snaps twice in the same place and you'll avoid much rust. To make strong, bushy plants, pinch back the snaps soon after planting.

Sow Hardy Annuals: Sow seed of hardy annuals for early bloom—calendula, clarkia, larkspur, godetia, calliopsis, and mignonette. Sow anchusa, English Daisies, and Shirley and Iceland Poppies. You can still broadcast wildflower seed; tho when sown so late it may need watering later.

Mealtime for Plants: After pruning and spraying, feed established roses heavily. For a good-sized bush apply half a cup of balanced plant food and half a cup of bonemeal. Scatter the food over a three-foot circle about the plant and work it into the soil.

Where there's growing weather, feed your annuals. But watch the weather; don't hold to a schedule. Generally speaking, light feeding every two weeks is ideal.

Feed lawns with the same eye to the weather. Once a month is enough. Use complete, balanced plant food, 25 pounds to 1,000 square feet. An early-fed lawn helps to tide grass over hot, dry weather later.

Prune Roses: Toward the end of the month it's time for Southern Californians to prune. In interior valleys and northern California wait until the middle or end of February; in the Northwest till March.

What Every Garden Needs: If your garden hasn't a flowering tree, try to find place for at least one. There are flowering peaches—pink, rose, red, white—some late, some blooming as early as Christmas; there are crabapples, later than the peaches, the first leaves opening with the flowers; there are the redleaf plums, the flowering cherries, and the flowering apricots, both large-flowered hybrids and the tiny, early-flowered Mume sorts.



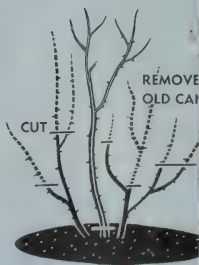
POOR

BETTER



In planting bulbs with a trowel, make the hole flat on the bottom so that bulbs don't hang in mid-air when planted

Prune out the old canes of the roses, leaving 3 to 5 strong young ones, and cut back the new ones one-half their length



True aristocrats are the stately Chinese Magnolias, with their large tuliplike flowers of pink, red, purple, or white. Two Western natives are among the finest—Western Dogwood (*Cornus nuttallii*) and redbud (*Cercis occidentalis*), with its clustered purplish blossoms. Western Dogwood does best near the seacoast from Seattle south to San Francisco. Southward and inland the Flowering Dogwood (*Cornus florida*) is thrifter. Give them plenty of leafmold and a rather moist location.

Flowering peaches grow fastest of all except in colder parts of the Northwest. Cherries are at their best in Washington, Oregon, and northern California south to Fresno and Bakersfield. In southern California only the early-blooming red Formosa Cherry (*Prunus campanulata*) thrives.



\$4800 + \$1200 =

—AND THE MODERNIZING



Photographs by Mott Studios

FLOOR PLAN



BEFORE PICTURE: It was just a boxy little bungalow of architectural mistakes when the Masons took it in hand. But beyond the blocky cement steps, the old-fashioned porch, and the square roof line they envisioned enchanting possibilities. . . . **AFTER:** See how an extra room on the right, with the shingle roof extended over it, and a white picket fence on the left gave this once squat, square house its long, pleasing line. The little window just showing on the left wall of the porch spoiled the wall space of the new room. So a Venetian blind was hung between inside and outside walls, then the opening boarded up on the inside and papered. Now the exterior shows a window where none really exists



The John Masons love their garden. This long, sweeping expanse of trees, lawn, and flowers, shown at the right, completes the axis which begins in the living-room and runs thru the entire house. . . . **ABOVE:** The enchanting vista of lawn and garden in back gave Mr. Mason his inspiration for remodeling. From the sofa in the living-room one looks delightfully thru the sunroom, the dining-room, past the patio and the majestic old California pepper tree, down the entire length of the garden to the little white aviary at its farthest end—quite a view, that

\$7500

MASONS CAN PROVE IT

By Helen Weigel Brown

HOISTING a skeptical eyebrow over our little problem in addition? Then hold it a minute—for here's the story:

It wasn't much of a house to look at . . . a little five-room California frame bungalow, fifteen years old, squat and boxy and filled with monuments to some builder's questionable judgment. But John S. Mason, Pasadena, California, decorator (vice-president of Cheesewright Mason Company, and member of the American Institute of Decorators), saw beyond the square roof line, the old-fashioned front porch with its blocky cement steps, the thoroughly uninteresting interior.

The construction was good, reasoned Mr. Mason, and so was the location. The lot, 60 by 200 feet, was old and overgrown but full of exciting landscaping possibilities. Artist that he is, John Mason could envision an entirely different setting and a home in which he and his family would enjoy living.

A PASADENA bank appraised the house and lot at its purchase price of \$4800. Would it be worth buying and investing an additional thousand in modernizing? Mr. and Mrs. Mason decided to chance it. For years Mr. Mason had had a yen to prove that it does pay to modernize an old, small house, provided a few conditions are right, and here they were. The architect he engaged to make the plans, Garrett Van Pelt, also of Pasadena, was equally intrigued.

The Masons spent \$1200 altogether on modernizing inside and out. Recently the same bank appraised its property at \$7500—an increased

valuation of \$2700 by virtue of \$1200 wisely spent on modernization!

Proof of their success is the charming home shown in the photograph—the result of their scheming and building. Before any actual plans were drawn up, Mr. Mason and his architect made a cardboard model of the house as it stood and of the additions they proposed. These were fitted together, then studied and modified until they just suited. Next the final plans were sketched. We wanted to photograph these models, too, but young Carroll Mason some time ago decided to improve upon the improvements, and the models are no more.

TO GIVE the house a longer, wider appearance, a room was added at the right-hand side, and a white picket gate at the left, as you can see. At present this new room houses winter recreations, but eventually it will become a guest bedroom and bathroom. The shingle roof was then carried right thru the chimney and across the new room, furthering the long-line appearance.

Inside there was much to be done. The living-room was a study in homeliness—dark brown woodwork; built-in bookcases and desk; a heavy gumwood mantel that extended across the end of the room with more built-ins at either side; and too-narrow, too-low windows. The built-ins came

out first, and walls were refinished in a light putty tone, woodwork in white. A new mantel, beautifully simple in French Provincial design, was painted white and took the place of the old horror. By clever concealing and camouflaging by means of cornice boards made wider than the windows and draperies hung higher than the frames, the indifferent windows became at once important and decorative additions to the room.

Steps from the living-room lead to a side porch which the Masons promptly inclosed, painted an enchanting Cerulean blue, and furnished as a sunroom. To meet this new "room" made from a porch, the room in back of it, once a bedroom, was extended ten feet and re-christened the dining-room. A pair of French doors was added to give it a perfect view of the patio and garden. In remodeling the living-room, side porch, and dining-room, the Masons deliberately planned the door openings so that there should be an unobstructed view of the garden straight from the living-room thru the sunroom and dining-room—a magnificent 150-foot vista.

THE back bedroom needed little changing other than refinishing the walls and woodwork. But the front bedroom was spoiled by a little window in one wall that was not only impossible to drape in harmony with the others, but broke into a wall space much needed to accommodate a second twin bed. So this window, after being hung with a Venetian blind attached between the outside cement wall and the inside wall, was boarded up permanently and the walls papered. From the inside there's no evidence that there ever was a window; from the out-



Once this living-room was a bad dream in built-in features, its clumsy mantel extending clear to the windows. The creamy white French Provincial mantel was the first inspiration. Interesting cornices of white-painted pressed brass copy an Early American design and frame draperies of hand-blocked linen. The Hessian soldiers in the fireplace are antiques, but the white mask above is as modern as today. The walls are putty-colored, the rug beige, the sofa green and beige. . . . Mr. Mason is proudest of his country Sheraton clavichord, picked up on a European trip and placed at one end of his living-room. It was built around 1810 and can still be played. The print above it is an Ackerman of around 1844



◆ Tho Provincial in decoration, the Masons' dining-room gains sophistication from its distinctive and modern drapery treatment. The French Provincial bread cupboard on the wall and the lighting fixture of wood covered with gold leaf, both are old and cherished. Table and side chairs are French copies. The guest chairs, upholstered in red and white toile, stay in the sunroom "between guests," so serve double duty. Wallpaper pattern is blue-green on a white ground; wood paneling is painted the same Cerulean blue as the sunroom; draperies are of heavily textured eggshell fabric; floor-covering is light taupe. The three main colors of the room—blue-green, eggshell, and red—are picked up in the chair seats. The green pottery bowl at the table's center is Italian. . . . BELOW: Now the second view of the dining-room. Above the antique Provincial sideboard, the hanging shelves hold a variety of English china, pewter, and Mexican glass. Below, the Victorian silver "kettle" is flanked by candelabras from Spain. It's certainly a mixture, but all pieces give a Provincial feeling to the setting, and an air of engaging originality



◆ Here's the inviting sun porch, once an ordinary open side porch. It enjoys a color scheme of Cerulean blue (in walls and ceiling), red (in the toile of the draperies and a pair of matching chairs), and white (in a leather-upholstered love-seat, lamps, wire plant-stand, and end table). The floor-covering is putty color, to match that in the living-room



Twelve-year-old Carroll Mason has his own special retreat in this delightfully boyish room, with its collection of favorite books, model engines, a pair of Japanese swords, a Chinese bow and arrow, Swiss animal wood-carvings, a ukulele, and a photograph of his favorite movie actor. Carroll ordered twin beds removed in favor of the single cot so he "could spread out more." He made his own choice of furniture—the simple desk, chest, bookcase, radio, and cot. The rug is an Oriental in deep reds, the walls are in a small diamond design on white with white Venetian blinds



Tho the Masons' bedroom is small, they've achieved in it a great deal of distinction. The beds, of French design, are upholstered in blue and apricot, the spreads are in apricot, the toile-covered chair repeats the apricot tones, and the chintz draperies are ice blue with an apricot and white pattern, edged in deep apricot fringe. The rug is dark apricot and the walls off-white. The bed reading lamps are a clever invention of Mr. Mason's own: simple wood boxes, covered in silk, edged in braid and bead fringe, and containing a tubular light bulb. Their flat tops serve as brackets for Dresden decoratives



side one seems to see a window with a drawn Venetian blind.

A new brick terrace out under the big old trees in back, new flower beds, and lawns all around completed the rejuvenation of what once was "just a house" and is now a decidedly charming home.

In furnishing the interior, Mr. Mason, a tall, lank Englishman with a magnificent sense of humor, explains modestly that he has used "just an accumulation of stuff." But the point is that Mr. Mason knows and has known for some twenty years past what to accumulate! His taste is not only excellent but refreshingly original—anything but the conventional according-to-the-rules taste one might expect of a professional decorator.

MR. MASON has a love for old things, and so he has gathered a great number of fine old pieces together in his interesting little house. What "period" the rooms are decorated in is his smallest concern. He knows all the rules about period rooms and has broken most of them. Practically every style, including the Modern, is represented here. The result is one of the most individual and inviting homes we've seen anywhere, of any size.

One can be quite alone in the Mason living-room and enjoy the pleasantly stimulating feeling of being in a roomful of interesting people. For each piece of furniture there has definite character and gives every evidence of having been cherished for its individual charm. Vogues, "trends," and "high fashions" hold no enchantment for Mr. Mason.

[Turn to page 68

AMERICA HAS A

QUESTION

*What would they like
for lunch or supper?*



AMERICA HAS AN
ANSWER

THAT answer, again and again, is *soup* . . . and, more often than any other, Campbell's Tomato Soup.

If there is one soup more than any other which makes an instant appeal—and a *lasting* appeal—to people of all ages, that soup is Campbell's Tomato. It comes to American tables, noon and night, again and again, often by special request.

Some like it as a rich, racy tomato soup, easily made by adding an equal

quantity of water. Here is a smooth purée of sun-ripened tomatoes, blended with golden butter of table quality, and seasoned lightly. Colorful, appetizing, delicious, it's always welcome—a soup you never tire of.

Others prefer it as a luscious *cream* of tomato, made by adding an equal quantity of milk instead of water. In this way the benefits of good, ripe tomatoes are combined with the sound food value of milk in a soup to please the family any time, or to grace a formal dinner. Is your pantry well stocked with Campbell's Tomato Soup?

LOOK FOR THE
RED-AND-WHITE LABEL



Coming up, Sir,
Here's your dish.
Tomato—and
It is d-d-dish!



So Good Meals

THE DEEP SOUTH—simple words, yet even in those who have never seen and felt its loveliness they invoke a longing, an odd twinge of nostalgia—stories, perhaps, or childhood dreams. But to know it truly, you must visit it. Breathe the perfume of its jasmine, its azaleas, and its magnolias; know its fine, friendly people; share its sincere hospitality; surrender to its languorous charm; lose your heart to its famous food.

And where else will one find such delectable shellfish, such sweet tender chicken, fluffy rice, meltable yams, and rich dark coffee? From our contest for dishes from the Deep South have come recipes great with memories of generations of family dinners, of faithful dark hands creating tantalizing goodness from simple things.

Synonymous with the South are its Fried Chicken With Cream Gravy, its Creole Shrimp in Rice Mold, and its Ambrosia (pictured here), its Grits and Greens, Gumbo and Baked Red Snapper, Corn Pone and Beaten Biscuit. For this page we've chosen meal plans practical even for our most northern homes, true Southern dishes welcome wherever you live.



FOODS INDEX

MAIN DISH	VEGETABLE	ACCOMPANIMENT	DESSERT	NICE TO SERVE
Creole Shrimp and Rice*	Southern Okra	Sweet Herb Salad Buttermilk Biscuits	Fruit Ambrosia Assorted Cakes	Crab Gumbo Salted Pecans

How to Do: Bet a picayune you don't know this rice-fluffing trick. Wash and rewash rice. Cook. Pour into colander; rinse with cold water; place colander over pan

of cold water; cover; bring to boiling. The steam inflates the rice. Make a huge dessert. Arrange orange and grapefruit; add cherries and moist shredded coconut. Chill.

Barbecued Veal*	Hominy Grits New Turnip Greens	Grapefruit-Avocado Salad Beaten Biscuits	Macaroon Pudding Coffee	Oyster Cocktail Hot Sauce
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How to Do: "Take two and spread them while they're hot." For everyday the biscuits got 100 licks with mammy's rolling pin, for company folks 300 swats. Grits?

Coarsely ground white corn. Cook like mush. Serve in the potato dish. Delicious and a gold brick of energy value. Never cut the baby turnip off the green top. Cook all.

Southern Fried Chicken Cream Gravy	Mashed Potatoes Green Peas	Plantation Salad Batter Bread*	Pecan Pie* Café Brulot	Almond Bisque
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How to Do: What's as national down South as the Star-Spangled Banner? Fried Chicken and Cream Gravy. Yes, suh! Roll chicken in seasoned flour; brown carefully in

hot fat, skin side down first; add dash of water; cover and steam until tender; uncover to recrisp. No smothering the chicken in gravy. Keep it in its own boat.

Jambalaya*	No Vegetable	Tossed Green Salad Corn Pone	Red-Cherry Dixie Roll	French Onion Soup Wild-Grape Jelly
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How to Do: Jambalaya is a leisurely Spanish word for hash plus rice. Has everything in a dish for the main course. Serve onion soup hot. Float a thick round of toast;

sprinkle with Parmesan cheese; run under broiler. It's a short-cut to cook 3 cups thin onion slices tender and golden in butter and add 2 cans condensed consommé.

Fried Oysters	Shoestring Potatoes Corn Pudding*	Celery and Olives Sally Lunn Bread	Sweet-Potato Pone Creole Coffee	Chicken Gumbo Soup Kumquat Preserves
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How to Do: Oysters, like hidden pirate chests, come from the Gulf laden with treasures of iron, copper, and iodine. Even coffee toppers can't analyze this subtle Creole

flavor. Make four cups drip coffee extra strong. Dissolve 1 tablespoon cocoa in a little hot coffee and add to remaining coffee. Allow a minute to blend and ripen.

Baked Red Snapper*	Broccoli French-Fried Potatoes	Escarole Salad Corn Bread	Praline Ice Cream Pound Cake	Guava Jelly
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How to Do: A tang of the Mardi Gras here—dine leisurely and well. It's king of Southern waters—rosy, thick-meated red snapper. No true Southerner would be caught

with sugar in corn bread. The broad-leaved escarole has a curly-haired cousin, endive. Nip the inner leaves; add sliced cucumber and tomato; toss with French dressing.

Dinah's Baked Ham	Green Beans and Bacon Corn Fritters	Satsuma-Coconut Salad	Banana Bread Georgia Peach Flan	Papaya Cocktail
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How to Do: "Lan" sakes, it's celestial," says Dinah. You mix brown sugar with fine bread crumbs and pat it all over the ham. Then bake. Toward the last you baste

with wine. Satsumas are a Mandarin orange, tender and delicate. Better plan to go to Mobile for a taste. Tropical papayas are debuting in northern markets.

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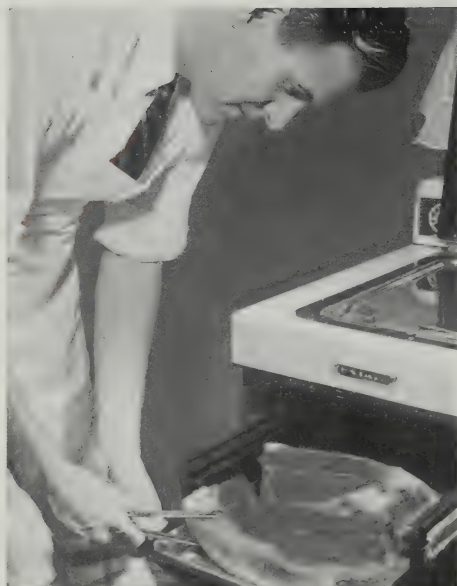
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Co-operating With Better Homes & Gardens: Silver Candelabra, Tureen, Flower Bowl, and Platter, Tatman's Inc., Chicago; Silver, Community Plate, Oneida, Ltd., Coronation Pattern; Candles, Muench-Kreuzer Candle Co., Inc.; China Plates, Syracuse, Victoria Pattern; Flowers, Mar. Leeds, Chicago; *Gourmet's Guide to New Orleans*, by Natalie Scott and Caroline Merriek Jones, Scott & Jones Publishers, New Orleans; Table Arranged by Fae Huttenlocher.

Send Recipes Now for Cooks' Round Table Contest. See Page 55.



Estate



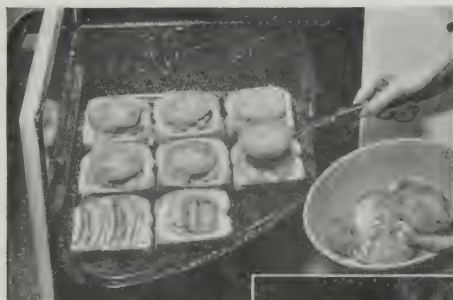
Frigidire

↑ You'll love 'em for smart but speedy luncheons—lamb patties wrapped around with snug bacon girdles. Pile drained crushed pineapple into pear halves; drizzle on French dressing. They go in just as you turn the meat. Wide ribbon grids keep foods on the spot

♦ Well—if it isn't hubby fastidiously flipping a steak! Here's how he explains his big broiling "rep" with the gang: Swipe a pair of 1½-inch T-bone steaks, set broiling pan low. Preheat broiler, brush rack with suet or salad oil, smack on the steaks. Close door 12 to 15 minutes, open, salt steak, and turn. Now 12 minutes more while other side cooks. Have two plates spittin' hot—don't insult a swell steak with a cold platter. Quick, more salt and a coupla big smears of butter. Who says men can't cook!

BROILING — HOT FROM YOUR RANGE

Modern, smokeless broilers open up a fascinating new field in range cookery



Magic Chef

↑ Tops among gourmets are grilled sandwiches for light suppers, evening snacks, post-theater bites. Butter, then spread peanut butter to the edge of the bread. Add bacon strips; broil till frilly. Add tomato slices; broil 3 minutes. Serve open-faced, and at once

♦ For hearty eaters, this grill of lamb chops, plump sausages, over-stuffed mushrooms. Broil chops 6 minutes, turn, add sausages and filled mushrooms. Broil 6 minutes more. Stuff mushrooms with chopped stems and onions, sprinkles of lemon juice and meat sauce. Brush with melted butter



Hotpoint

By Maurine Shaw Holloway

THICK, crispy-brown steak, sizzling hot from the broiler, lush with juices begging to be dunked with crusty bread—name me anything more eminently satisfying to an American family. And when that same steak is royally attended by baked potato, broken open, buttered lavishly, and popped under the broiler for a last tantalizing brownness—verily it's food for the gods.

If you've any doubt about the universal appeal of broiled dishes, trek to a restaurant and watch heads turn and noses wrinkle when a sizzling steak is borne past. Men, especially, love it.

Granting all this exuberant enthusiasm—why don't we women use our range broilers more? Chances are we've not yet forgotten the domestic upheaval, smoke, and frequent conflagration which used to herald a broiling orgy.

But gone are those days. Biggest advance in modern ranges today is the *smokeless broiler* found in every new-type range—gas, electric, gasoline pressure, and tank gas. Instead of fat from the food [*Turn to page 59*

AGOG ABOUT GADGETS

Photographs by Edwin A. Falk

By Cora Joyce

WEBSTER failed. Oh, indubitably! Have you looked? He failed to define adequately a "gadget." We'll try. A gadget is a widget that does something—more easily, neatly, amusingly, perhaps. Frequently it's a specialist. Again, you may gasp at a gadget's versatility. Usually it's a "what'szit." A new gadget from your kitchen drawer? Your friend, who is helping you, puzzles. She tries it doubtfully, then assuredly, sings its praises to the living-room, says, "Oh, Jim; look at it!" (Jim blinks.)

Gadgets are the progeny of the small boy's pocket collection, the traveler's souvenirs; their heritage is the racket store. All merchants are their caretakers. You may come upon a gadget anywhere.

A gadget is something you can get along without, but why should you? It's what you wonder why you didn't think of. It may be simple, needed, useful—or elaborate, unnecessary, almost screwy. It takes 75c in cash and \$50 worth of thinking to decide upon. Or, it's a love-at-first-sight; wrap-it-up; I want it.

Gadgets are fun, froth on the homemaking cup; gadgets are endearing, sometimes enduring. A gadget is a reward—only when people are happy and comfortable do they think about gadgets.

Here, for the New Year. Ladies . . . Sirs . . . Gadgets!

Meal-Makers: Don't wreck the cord nor toast your fingers on a hot appliance. No. 1, top photograph, the General Electric *Squeeze*, for use with certain waffle irons, grills, and table stoves, is put on or removed simply by squeezing the plug; 95c. The G. E. *Pinchie*, below it, is a lighter-duty, similar cord for certain table appliances; 75c.

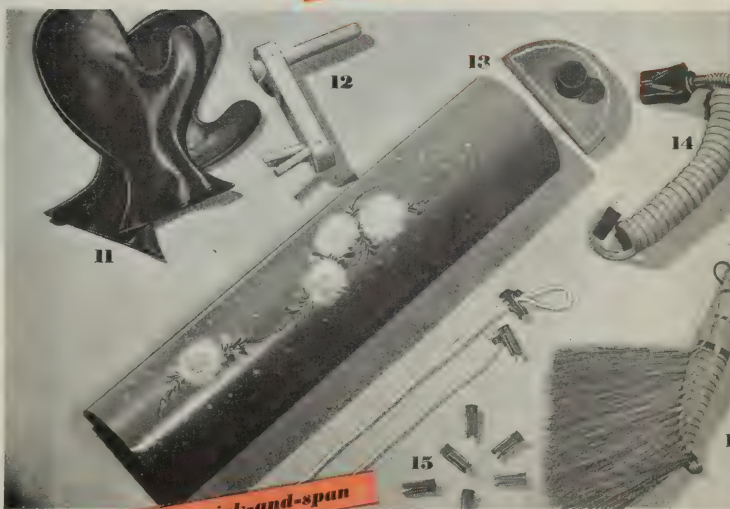
2 The trick of this fruit-corer, called *The Perfect*, is a horizontal cutting disk in its stainless-steel cylinder; 1 3/16-inch size, 39c; a larger size, 50c. A. & P. Engineering Co., Inc., 22 Green St., Newark, N. J.

3 Clip this spring steel coil on the edge of any cooking utensil; it parks your stirring spoon. *Forbes Spoon Holder*, 10c in stores. Holister Coil Spring Mfg. Co., 5413 McKinley Ave., Los Angeles.

4 Unique for slicing, an 8-inch glass knife! It's 75c in stores, in this size. G. M.



Some gadgets help with meal-making



These keep things spick-and-span

Thurnauer Co., Inc., 6 E. 20 St., New York.

5 Flip your omelet in this *Chef's Type* fry pan of cast iron. Rounded, no crevice; 9 1/2-inch, 85c. Wagner Mfg. Co., Sidney, Ohio.

6 On this 9-inch *Safety Grater*, shave chocolate, cheese, or any food that you want especially fine; 50c. Acme Metal Goods Mfg. Co., 2-24 Orange St., Newark, N. J.

7 A *Food Press* with detachable, revolving

wood-masher takes care of many tasks; 50c. The Washburn Co., Rockford, Ill.

8 This 12-inch lacquered *Reminder Board* has a printed food list. Check the groceries to order. Grease pencil and the kitchen shears are included; \$1.50. The board wipes clean. J. Wiss & Sons Co., Newark, N. J.

9 With individual molds, chill or freeze salads, bake cupcakes. Tree or bell, 5c; fish mold, 10c; *Mirro Aluminum*. [Turn to page 58

Of Course You Want to Be Popular

Smart Teeners Turn Thumbs Down on "Swell Fellows" Like Judy's

By Gladys Denny Shultz



Wesley Bowman

Just what valuation do you put upon yourself, Miss Teener?

Dear Judy,

You're 16. You've been having your first taste of popularity and loving it. And now something has happened that you fear is going to spoil everything.

You've been dating for some time, you tell me, but it's just recently that the boys as a group seem to have discovered you and given you a big rush. It's been a thrilling experience, without a single marring note until the other night.

Then you went on a double date with your best girl friend and two "swell" fellows, promising your parents you'd get in not later than 1 a. m. After the dance, which your parents attended, too, you went to a place to eat. It's a regular custom with the gang, but one new, I should judge, to you.

You had a wonderful time and were ready to leave when it was discovered there was a minimum charge. Then the trouble started. The boys tried to see how much beer they

could drink so as not to "waste" their money. It was long after 1 a. m. before you and your girl friend could get them away from the place. By that time they were in high spirits, and, in spite of your worry about the hour, stopped twice along the road and tried, unsuccessfully, to neck.

Your escort then got sick, which must have been nice for you. It was 3:15 when you got home, and your father was waiting and on the warpath.

NOW all is gloom. Your parents are cross, your father says you can't go with this boy again, and you feel said father is narrow-minded and doesn't understand you. You say your parents' "stubbornness" will be the cause of your doing "something desperate." You think they shouldn't let one incident prejudice them against the "swell" fellow, and you ask how you can make them recognize the true character of your friends.

I'm answering you at some length because I feel more is involved in this than a momentary unpleasantness. What you're doing, whether you realize it or not, is deciding *what valuation you're going to put upon*

yourself. Every woman has stood at this point at some time in her life, from the tragic wrecks to the serene, gracious grandmothers. The choice they made then went far toward settling their futures. So you see, Judy, how important it is for you to choose well.

Let's analyze what happened that unfortunate night. Your parents have let you date, they let you go to the dance, they let you go to the popular eating place afterward. All they asked was that you be in by 1 a. m., which you promised to do. And then you rolled in at 3:15! Why shouldn't your parents be on the warpath? Wouldn't you be, in their place?

BUT it's hardly fair to ask you to put yourself in their place. You're 16, and keeping your new and exciting popularity seems most important to you. So I'm going to ask you instead to look at your situation with regard to this boy.

What more could he have done to show you how little regard he had for your pleasure, comfort, and welfare? You say yourself you realized the danger you were in. Your present unhappiness is en- [Turn to page 54

COOKS' ROUND TABLE

PHOTO, G. H. FAY, OPT.

of Endorsed Recipes*

Macaroni, Noodle, and Spaghetti Recipes



Fedelia Hunter

Roquefort Rolls

Cheese with a nutty coat flatters cocktails.—

- 2 3-ounce packages cream cheese
- 1/8 pound Roquefort cheese
- 2 tablespoons finely chopped celery
- 1 tablespoon finely chopped onion
- Cayenne pepper to taste
- Salad dressing
- 1 1/2 cups finely chopped California walnut meats

Blend cream and Roquefort cheeses. Add celery, onion, pepper, and salad dressing to moisten. Form in rolls. Roll in nut meats and chill. Makes 16 to 20 rolls. Serve with tomato juice.—Mrs. J. Edward Forrester, Ivesdale, Ill.

First-Course Salad

An appetite pepper-upper launches the meal—

- 2 grapefruit
- 4 oranges
- 1 bunch celery
- 2 3-ounce packages cream cheese
- 1/4 cup chopped pimiento
- 1 pimiento, cut in strips
- Ripe olives

Peel and section grapefruit and oranges with sharp knife; chill. Separate celery stalks; fill with mixture of softened cheese and chopped pimiento. Press together in original shape; tie securely and chill thoroughly. Alternate grapefruit and orange sections on salad plates. Garnish with pimiento strips, olives, and parsley. Cut celery in 1-inch slices; place one on each plate. Pass French dressing. Serves 4.—Mrs. Jeanette Presley, Iowa City, Iowa.

Grapefruit and Crab-Meat Cocktail

Ten to one your guests haven't met it before—

- 1 No. 2 can grapefruit sections
- 1 6-ounce can crab meat
- 1 cup mayonnaise
- 1 tablespoon vinegar
- 1 teaspoon lemon juice
- 2 tablespoons catsup
- 1 drop Tabasco sauce

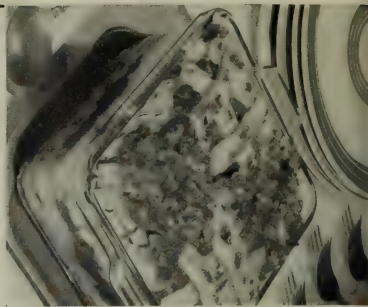
Chill grapefruit and crab meat in cans. Drain grapefruit. Flake crab meat, removing bony tissue. Alternate grapefruit and crab meat in chilled cocktail glasses. Mix remaining ingredients. Just before serving pour small amount over grapefruit and crab meat. Serves 8 to 10.—Mrs. G. W. Remann, Rensselaer, Indiana.

Irish-Italian Spaghetti

Just 45 minutes for this delectable cosmopolitan—

- 1 onion, chopped
- 2 tablespoons salad or olive oil
- 1 pound ground beef
- 1 teaspoon salt
- 1/4 teaspoon black pepper
- Dash of red pepper
- 1/2 teaspoon chili powder
- 1/2 teaspoon Tabasco sauce
- 1 10 3/4-ounce can cream of mushroom soup
- 1 10 3/2-ounce can condensed tomato soup
- 1 pound long spaghetti
- 1/2 cup grated Parmesan cheese

Brown onion in hot fat; add meat and seasonings; brown lightly. Cover and simmer 10 minutes. Add soups; cover and simmer 45 minutes. Cook spaghetti in boiling, salted water until tender. Drain and rinse with hot water. Arrange on hot platter. Pour over sauce. Sprinkle with cheese. Pass additional sauce and cheese. Serves 4.—Mrs. George T. Loughtin, Cuyahoga Falls, Ohio.



Italian Casserole

"Turn up at potlucks and one-dish lunches!"

- | | |
|-----------------------------------|--------------------------------------|
| 1 medium-size onion, chopped | 1/2 teaspoon garlic salt |
| 2 tablespoons salad or olive oil | 1 teaspoon Worcester-shire sauce |
| 1 tablespoon minced parsley | 1/2 pound ground beef |
| 1 No. 2 can (2 1/2 cups) tomatoes | 3 tablespoons salad or olive oil |
| 1 8-ounce can tomato sauce | 1 8-ounce package noodles |
| 2 teaspoons salt | 3/4 pound American cheese, sliced |
| 1 teaspoon pepper | 5 tablespoons grated Parmesan cheese |

➤ Brown onion in hot fat; add parsley, tomatoes, tomato sauce, and seasonings. Brown beef in hot fat; add to sauce; cover; simmer 3 hours. Cook noodles in boiling, salted water. Drain and rinse with hot water. In greased casserole alternate layers of noodles, cheeses, and sauce; place in moderate oven (350°) until cheese melts. Serves 6.—*Mary A. Martin, Bellevue, Pennsylvania.*

Macaroni Scallop

"Young school-agers greet it with whoops!"

- | | |
|------------------------------|-----------------------------------|
| 2 cups cooked macaroni | 1 tablespoon chopped green pepper |
| 1 1-pound can salmon, flaked | Salt to taste |
| 1 tablespoon chopped onion | 1 1/2 cups thin white sauce |
| | Buttered crumbs |

➤ Alternate layers of macaroni and salmon in greased casserole; sprinkle each layer with onion, green pepper, and salt. Pour over white sauce; top with crumbs; bake in moderate oven (350°) 30 minutes. Serves 6.—*Mrs. Frank Mitchell, Big Pine, California.*

Spaghetti Oven Dinner

"A whole meal on short notice!"

- | | |
|--------------------|---|
| 12 small onions | 1 15 1/2-ounce can spaghetti with American cheese |
| 1/2 pound sausages | tomato sauce and cheese |

➤ Parboil onions until tender, about 20 minutes; arrange around edge of shallow, greased baking dish. Sprinkle with cheese. Brown sausages, cut in half. Combine with spaghetti and turn into baking dish. Bake in moderate oven (325°) until thoroughly heated. Garnish with whole sausages. Serves 4.—*Mrs. H. D. Whitaker, Bellaire, Ohio.*

COOKS' ROUND TABLE of Endorsed Recipes*

Appetizer Recipes



Shrimp New Orleans

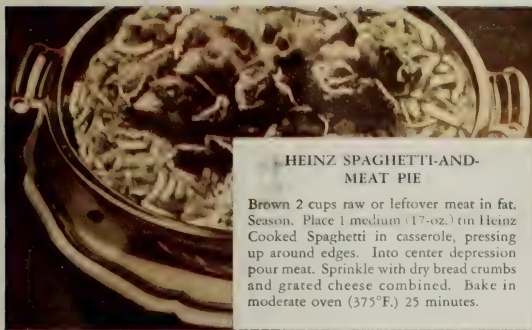
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| 2 pounds fresh shrimp, cooked, or three 3 1/2-ounce cans shrimp | 6 tablespoons salad oil |
| 2 tablespoons vinegar | 2 tablespoons prepared mustard |

Clean and thoroughly chill shrimp. Combine remaining ingredients; pour over shrimp and toss lightly. Chill two hours before serving. Serve on shredded lettuce in lettuce shells or cocktail glasses. Serves 6.—*Mrs. David Hunter, New Orleans, Louisiana.*

Pineapple Cocktail (cup)

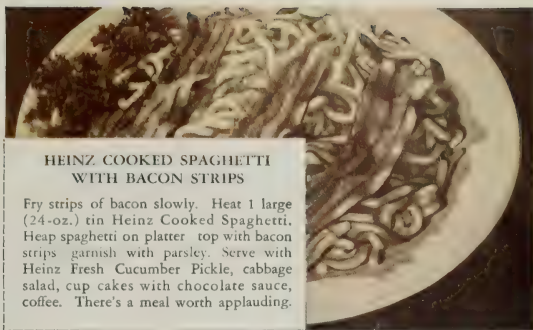
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| 1 14-ounce can pineapple tidbits, drained | 1 cup halved and seeded Tokay grapes |
| | 1 cup 1% fat-free frozen apple sauce |
| | 1/2 cup cold, white candy melts |

Mix fruit; add ginger ale and mints. Chill. Serves 6.—*Mrs. L. L. Cox, York, Pa.*



HEINZ SPAGHETTI-AND-MEAT PIE

Brown 2 cups raw or leftover meat in fat. Season. Place 1 medium (17-oz.) tin Heinz Cooked Spaghetti in casserole, pressing up around edges. Into center depression pour meat. Sprinkle with dry bread crumbs and grated cheese combined. Bake in moderate oven (375°F.) 25 minutes.



HEINZ COOKED SPAGHETTI WITH BACON STRIPS

Fry strips of bacon slowly. Heat 1 large (24-oz.) tin Heinz Cooked Spaghetti. Heap spaghetti on platter top with bacon strips garnish with parsley. Serve with Heinz Fresh Cucumber Pickle, cabbage salad, cup cakes with chocolate sauce, coffee. There's a meal worth applauding.

AS QUICK AS YOU CAN SAY...

"Come And Get It"

Serve Tempting, Tender, Saucy Heinz Cooked Spaghetti; It's All Ready To Heat, Eat, And Cheer For!



WHEN time is short and the family famished, whisk open a tin of Heinz Cooked Spaghetti - heat - and serve. Here's a perfect companion for leftovers - a *scrumptious* meal-in-itself! For Heinz chefs make this spaghetti from select semolina flour - crown it with an irresistibly tangy sauce of Heinz prize tomatoes, nippy cheese and a deft dash of sprightly spices.

Won't you try Heinz Cooked Spaghetti for energy-giving winter meals? It's easy on the budget—and the cook!

● Another perfectly delectable pinch-hit meal is Heinz Cooked Macaroni prepared in a lavish cream sauce enriched with mellow cheese! And of course it's ready to serve.

Heinz COOKED Spaghetti

Copyright, 1939, H. J. Heinz Co.

YOU OUGHT TO SEE US MAKE IT!



◀ With top-grade semolina flour ground from hardy durum wheat, Heinz expert chefs make their own spaghetti! Here we see the fine-textured, long, creamy strands being trimmed by deft-fingered workers.

Take a peek at the rooms in ➡ which we dry the spaghetti. They're weather-controlled so that the air and temperature are always *uniformly* ideal! Next the spaghetti is cooked to mouth-watering tenderness in Heinz kitchens.





In Garden or Home

BEAUTY RULES ARE SIMILAR

By Amelia Leavitt Hill

THE more I study how to add charm to my garden, the more I'm impressed by the similarity of the elements which produce beauty indoors or out. I find that the simple home-furnishing principles so familiar to most of us can be applied to the home grounds.

I find, too, that the problems are pretty much the same. For example, in the garden, as in the house, we're confronted with how to increase the space, how to make the garden more roomy.

How can we apply these rules?

Wall-Covering: Let us first consider boundary or background, and to that end recall what has been said in the decorative world of advancing and receding colors (that is, roughly speaking, gay hues or pale ones) and of the merits and demerits of the plain and figured wall.

Some kind of barrier around your place is usually desirable. When this is the case, a hedge will give more apparent space than a fence or wall, due to its inconspicuous coloring.

I remember how, not so very long ago, an enterprising firm of masons went thru a certain suburb, leaving a trail of 3-foot, cement-laid stone walls behind them. The effect was devastating. Each small plot seemed contained in a tiny box of stone and was dwarfed into insignificance by its monumental surroundings. When one remembered how pretty they had been with their wealth of forsythia, deutzia, and lilac in the spring and their hedges of Red Barberry and brilliant Japanese Quince later in the summer, the contrast was sad indeed.

Floor-Covering: So much for the walls of our garden room. The consideration of flooring, as we may call it, brings us to a consideration of the walks. In the very small plot these should be grass. Gravel or hit-or-

miss paths, tho very satisfactory in themselves, cut up the space at our disposal just as a number of small rugs dotted about a hardwood floor dwarf the floor space of the room which would appear moderately spacious if provided with one large rug of neutral tone. There's one exception—when we wish to gain a feeling of length or breadth, and to that end lay walks on which we wish to focus the attention.

Outdoors, as indoors, a long, straight line gives a feeling of repose and extent, whereas short transverse ones break up the area; and curves distract the eye and are stimulating rather than restful.

Emphasize the long lines in your little garden. Lay out a longitudinal walk leading from the house to the farther end of your domain, and let the colors of the flowers which border it diminish in intensity as they grow farther from the house. A well-known principle of decoration is that pale, or receding, colors give a feeling of distance, while bright tones diminish it. Therefore, keep your gay-hued blossoms for use near the house or the porch.

If you borrow a hint from the old Italian architects and build up the ground a little toward the farther end of your long path, the perspective will be emphasized and its length apparently increased. Of course, dividing a small plot into varying levels, if obviously done, would result in cutting it up and making it appear smaller. But a very gradual slope, so slight as to be impercepti-

bly except, perhaps, subconsciously, is perfectly permissible and will be attended by success.

Use Vistas: The use of the vista is one of the methods adopted in the small house to make it appear spacious, altho we aren't likely to analyze the effect of entering one which, as we say, "opens up well."

This factor may be used satisfactorily in the case of the small garden. The long path just referred to affords a vista, and others may be arranged here and there by proper treatment of transverse walks, or even at the edge of your domain, by some curving and curiosity-inviting path, tho it lead only to a hidden toolhouse or compost heap.

If your grounds do not permit of continuous vistas on the level, if you have a steep slope in any corner, it may be thickly planted with shrubbery and made inviting by a short path leading—whither? If sufficient space for the needed shrubs can be spared, just such a question will lend interest to that portion of the garden; and there's always room to obtain a vista skyward.

Color Is Easy: One vital problem to the interior decorator is simplified greatly for the decorator in the garden—color. Curious tho it may be, you can hardly go wrong on color. Not that certain color combinations aren't particularly lovely; but left to herself, Nature seems never to go wrong. Combinations which sound atro- [Turn to page 69]

COLOR PREVIEW OF SPRINGTIME

COLOR is indeed the spice of Nature and gives the sparkle to the forms of flower, and leaf, and bark, all of which would interest us less if they were drab, or colorless, or transparent. Such thoughts are inspired when we look at this lovely picture, taken by Samuel H. Gottscho in the garden of John Scheepers, Inc., at Brookville, Long Island. This is a picture of springtime, for spring is the wedding of the seasons—a time when the warmth of the scarlet azaleas contrasts with the white of departed winter shown in the leafless dogwoods.

If you look at the color plate under a magnifying glass you will see that it contains dots of blue, red, and yellow, as well as black. But all these dots of pigment must combine to imitate a spot in Nature. They present the vari-greens of shrubs and the intricate branches of the lovely Flowering Dogwood.

Nature Seldom Errs: The artist finds some colors that decidedly do not go together, but colors of Nature seem more at home with each other. Few persons would dare to deco-

rate a room in orange and green, and yet many a zinnia contains these colors. As Amelia Leavitt Hill says in her article on this page, "Combinations of flowers which sound atrocious, when described, never prove really 'impossible!'"

Texture: What amazing textures we see in the picture before us! We may buy a red vase in a ten-cent store, but we can also buy a red-lacquer vase made in ancient China which would sell for thousands of dollars. Why, then, are some colors cheap and others exquisite? Quite often this is due to texture, which really means how the light strikes the object. We might almost say, how the object feels to our eye. The glowing color in the throat of the hummingbird and the gorgeous tail of the peacock aren't definite color substances that cause our delight, but only the way in which the light strikes ordinary colors and makes them glow with an inner light.

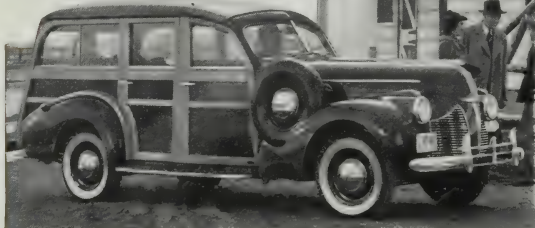
Color is indeed the spice of Nature and gives the sparkle to the forms of flower, and leaf, and bark.—A. C. H.

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By Fleeta Brownell
Woodroffe

Hey, Freshman! Here are the A B C's of how to plan, start, and develop a perennial border, told step by step so any newcomer can understand

MAKING a successful perennial border—one that grows flowers like the catalogs show—is like riding a bicycle, making feather-light biscuits, or playing piano duets. You have to have a plan, know which are the essential steps, and get your timing right. After that you can add the flourishes, the trick riding, the cup of nippy cheese, the delicious cadenzas.

It's simple, no end—when you know how.

But only Beginner's Luck saved my first perennial border. Very newly married and with the last of my curtains hung, I was out eyeing our new 60- by 140-foot domain by the second week in July, and with dissatisfaction. Six tomato and 12 pepper plants were hiding in weeds in a back corner. Those, two trees which did wonders for us by framing the house, and grass—lots of grass—were all we had.

But I wanted flowers—right away. After a pleading session with Mother over the telephone, she agreed to drive over and bring me some tall garden phlox that afternoon about 4 I went to work.

All day long I scalped that gloriously thick sod. By 4 I thought I was ready. I had a strip about two feet wide laid bare halfway across our lot just back of the house. The situation was all right—open, sunny, slightly sloping. As I planned it, this was to be the border, the front edge of our garden.

But the preparation was all wrong. I've laughed since at stories of people going out with *spoons*—imagine!—to plant flowers their friends had given them. But I was almost as bad, making only small and shallow basins where the phlox plants were to go and leaving all the soil between untouched.

Mother left the phlox and advised

plentiful waterings and a deep mulch. Seeing me there with sunburned nose, blistered hands, shoulders that ached stabbingly, and that hopeful look on my face, she thoughtfully postponed my gardening lessons.

Now my phlox really was grand that summer, but at a needlessly high price. For a group of three big clumps transplanted with balls of earth I poured on seven pails of water every day and took all of the grass clippings for mulch the rest of the summer. I had to. With no humus in it to hold the moisture and no adequate forking up, that soil was as hard as auto tires and almost as water resistant.

What I should have done was to have concentrated on biscuits and honey and fried chicken for supper that momentous day, and then led him out to where I wanted that border dug.

"A" is for Agitation: "A" in any gardening alphabet can well stand for a good job of aerating the soil, for agitating it a good foot deep with a spading fork. All two spades deep if you're doing it in reasonable stints or hiring someone.

Remember that digging the basement had to come before sitting at ease before the crackling fire in your own living-room. Preparing the foundation for season after season of gorgeous bloom is what you're doing now when you prepare the soil right. Ask the best gardener in your neighborhood what he or she does. You'll get advice that no long-distance helper can equal.

You don't have to know anything much about the chemistry of soils if you'll just remember that all the food a plant gets thru its roots has to be taken up by them in a soil-water solution. That makes it clear, doesn't it, why opening up the soil so the



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BEAUTIFUL BEGINNING

water can enter and having humus in it to help hold the moisture are so vital?

For a perennial border, thoro soil preparation is several times more important than for a strip of annuals or a patch of lettuce. With those you can make a fresh start again in the spring. But not with long-lived perennials like peonies, daylilies, and iris.

If your garden site has been spoiled by covering with basement clay, you'll just have to economize somewhere else and buy loads of manure or bales of peatmoss. Get more of either than you really feel you can afford. Because, while it's true that clay will grow superb flowers, it won't until it's pulverized and weathered and has enjoyed extravagant doses of humus.

How Much Sun? The majority of perennials we grow like full sun, altho where midsummer temperatures get far up into the nineties, some noonday shade is relished. If you must decide between morning and afternoon sun, give your flowers the benefit of morning sun.

Winter Drainage: In the North you'll want to consider winter drainage. Many a beginner goes too far in this and makes his perennial beds so high they're unnecessarily dry all the year round. Snow banks melting slowly and turning into ice sheets are often hazards to perennial borders. They can usually be avoided, tho, by laying sizable brush on the beds in such a way that continuous ice sheets can't form. Or temporary drainage ditches can be opened in the fall.

How Wide? The new border should not be more than four feet if the border is to be worked from only one side, six or seven feet if accessible from both. Tramping on the soil is to be avoided at all times.

If you're doing the digging yourself or hiring it done, no strategy will be needed, but if you're a woman and need help, then *his* favorite pie or muffins are indicated. I've found that it also works well in some cases to say, "Oh, not so very wide, 30 inches maybe," and then enlarge—creep in on the lawn from 6 to 18 inches as he goes.

And if you've been dreaming of a wide border with luxurious masses

and drifts of color, just hold tight to your dream. Because you can manage very well if you plan for an *inconspicuous service pathway* at or near the back of your border. In our town we all voted it a big success when Miss Izanna, after fifty years of gardening, got impatient with the inconvenience of her wide north border and had a line of serviceable stepping-stones laid in front of the hollyhocks that backed her magnificent display of Regale Lilies, baby-breath, and delphiniums in every imaginable tone, from opalescent whites thru azures and turquoise to stunning dusky purples. "Pity I didn't think of it before," she says.

If you want your border to parallel your hedge—and that's a splendidly effective way to plant—use such a service path between your hedge and the flower border. It needn't show at all from the front. It simplifies cultivating and staking, and straying hedge roots are found much less often where you'd planned for flowers.

How to Shape the Border: As to the front line, that depends upon what you like, but wiggly edges aren't so happy to live with as gradual curves. To lay down your garden hose and push and pull this about until you hit upon the lines you like best is now accepted as the most satisfactory way to get what you want.

What Kind of Edging? There's constant skirmishing between those who want the billows of their spicy pinks and saucy bellflowers that edge their beds so prettily respected by the lawn mower, and those who "want a good lawn with no ragged edges."

It's your choice. A certain amount of clipping is necessary, however, even where an edging of wood, brick, stone, or metal separates flowers and sod. Add a good grass-clipper to your want list; you might get it for your next birthday.

Put Your Border on Paper: Occasionally someone says it's all nonsense to make a map beforehand and then finds out later that it is much easier to change his mind on paper. And crayolas, borrowed from some small person's box and rubbed on here and there to indicate the colors, will show you at once that Scarlet Oriental Poppies and old-rose hollyhocks will never [Turn to page 64

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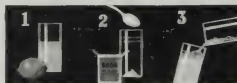
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Placed

Hedrich-Blessing; White & Weber, Architects



A graceful example of "identical" grouping—the fireplace as a center, with identical furniture groupings on each side, gives a restful air

If, for example, one side wall of your living-room has a doorway, window, and bookcase, and the opposite wall is a solid area, then the high vertical lines established by the architectural detail on the first wall should be balanced by your furniture and wall decorations, giving the effect of equal heights opposite, else you'll have a feeling of mountainous

heights on one side and of low plains on the other. A highboy, secretary, or similar piece will offset those high straight lines of doorways and windows. But if you've no such pieces or don't want to use them on that particular wall, build height with pictures, a mirror, or a wall-hanging over such lower pieces as a sofa, a chest of drawers, or a table and chair group.

IN PLANNING the average-size living-room, start with one main axis or point of interest. This is your most important focal point and all the other groupings should be of secondary importance. Your fireplace may well be your point of special emphasis, or a span of windows with a lovely view. If you've neither, emphasize your sofa grouping or whatever else seems most important. From this starting point the other groupings radiate, forming a harmonious whole which would never have resulted from isolated groupings not keyed to the main focal point. But don't let the major group become so major that the lesser lights pay homage or are too dim in comparison. The important idea behind this whole discussion is to help you to think in terms of grouping your furniture, not just shoving your sofa against a convenient wall and dotting the chairs and tables here and there without [Turn to next page

★ The new console type of piano is a real addition to a room. It is easy to place in an interesting manner. Never, however, should it be placed across a room corner



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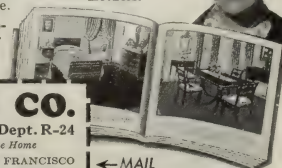
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All they did was **NIBBLE** at my cake!



SHE'D wanted Tom's friends to think her "perfect"—and a perfect cook! But today of all days her cake failed.

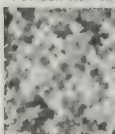
If only someone had told her the importance of choosing the right baking powder. That any woman who bakes can be more certain of success every time with *dependable* Royal.

You see Royal, made with Cream of Tartar, has a *special* "steady action" that is different from most baking powders. Royal begins its work the *moment* it is stirred in the batter. Thus the expansion of the batter is *continuous* and *even*. That is why Royal cakes are fine-grained, light, fluffy. Why they keep their delicious moistness and flavor longer.

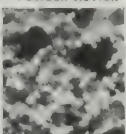
Many baking powders seem to have an *explosive, uneven* action. A greater part of the expansion is delayed until the cake is in the oven. Then rising is often over-rapid. It may blow the batter full of large holes. The cake will be coarse... dry... crumbly.

See these actual photographs of cake, magnified, and the difference in results:

STEADY BAKING
POWDER ACTION



UNEVEN BAKING
POWDER ACTION



The dependable results that Royal gives cost about 1¢ per baking. The rest of your ingredients cost 30 to 40 times that much. Pure Cream of Tartar makes Royal cost more per can—but the difference per *baking* is only a *fraction* of a cent!

Remember, Royal is the *only* nationally distributed baking powder made with wholesome Cream of Tartar—a product of fresh, luscious grapes. Cream of Tartar leaves no acrid "baking powder taste." So ask your grocer for ROYAL. Use it whenever you bake. You'll agree it's well worth the difference in price.

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If you bake at home you should have a copy of the Royal Cook Book which tells you how to make delicious cakes, biscuits, muffins, pies, puddings and main dishes. Send your name and address to Royal Baking Powder, 691 Washington St., New York City. Dept. 191.



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Furniture Pleasingly Placed

[Begins on preceding page]

rhyme or reason. Each piece should form an integral part of a group. Furniture is gregarious and functions best in good company. A sofa or chair without a companion table and a good lamp gives only half the possible comfort and pleasure for reading, smoking, and refreshment. If the family and guests are perpetually hopping up to satisfy their wants, your faulty arrangements are responsible.

THERE are two main classifications of furniture or accessory groupings. Any room is the happier with a combination of both.

1. *The identical or bisymmetrical group* (see photograph on page 51) consists of a main center piece and identical subordinate motifs on either side. An example is a fireplace as the central point and a pair of identical love-seats, one on either side. Another—a sofa with twin tables and chairs on either end. In a similar but smaller medium there's your ubiquitous console dish with a candlestick at each end. Identical groupings, of course, aren't limited in the number of pieces involved, but, as the photograph illustrates, the treatment on each side of the main piece is always exactly the same. This type of grouping, if not overdone, gives stability and restfulness to a room. But an entire room arranged according to this pattern becomes formal and lacking in flexibility.

2. To counteract the regularity of all bisymmetrical groupings, we introduce our second type, known as *asymmetrical balance*. Here again we've one dominant feature for the center, but different treatments on either side. (See again the fireside grouping on page 51.) Tho not alike, the two side groupings should be selected with a feeling for balance thru equalization of weight and interest. Take the fireplace again for the center. On one side try a large lounge chair and companion table, on the other a love-seat and small table or two smaller chairs and table. Notice how the mass effect of one grouping equals that of the other, allowing no listing to one side or the other from an overburden of cargo.

Should one side grouping be too light in bulk effect to counteract the other, use the seesaw principle of giving the smaller child more board for balance. In other words, place the lighter piece farther from the center and it immediately adds more emphasis and weight to the lighter side. That's a valuable principle, incidentally, to remember when you're arranging accessories of different sizes on a mantel shelf or table.

SO MUCH is then decided—that your room is to be a harmonious whole with opposite walls balancing, and that you're going to use both bisymmetrical and asymmetrical groups. Now start by placing (or just imagining it in mental review) your

largest pieces—if possible against the largest wall areas. And here's the cardinal rule of all room arrangements: Keep all straight, large pieces—such as sofas, bookcases, desks, upright pianos, bureaus, sideboards, and china cabinets—parallel or at right angles to the wall, not cutting diagonally across the corner of the room nor pulled out at a slanting angle. We suggest you study the furniture placing in the Mason home on pages 34, 35, and 36. Be forthright with these important and straight-lined pieces, giving them the space that's justly theirs. Such pieces placed cater-cornered destroy the structural lines of your design by opposing the direction of the walls which outline the room. Instead of making your room "cozy," they leave it restless and uneasy.

IF YOU'RE a devotee of the cater-corner club, you're bound to put up a stiff argument, but if you'll be sport enough to join my team for a week's trial of moving your desks, piano, bureaus, beds, sofas, and such parallel to the wall or at right angles (which is really parallel to the right-angle wall), I'll wager you'll be on my side forever! Use your curved-arm or curved-back chairs and a small table or two turned at easy angles for variety. Neither the semi-circular sofa nor the corner cupboard made to coincide with the corners of the room is included in this discussion. Once you become accustomed to this straightened backbone in your room, you'll never be able to stand the fidgetiness of cater-corner haphazardness again.

Furthermore, few rooms can afford to waste those several feet of floor space of the three-cornered well made by placing furniture diagonally across corners.

THE majority of rooms are overcrowded with both furniture and accessories. Space is a blessed relief both to you and the furniture. Space enhances your room and allows the various pieces to assert themselves as individuals rather than appearing wedged ineffectively in the crowd. If there isn't a real functional or decorative need for everything in the room, then it's high time to start weeding. I don't mean to be Spartan, but there are too many of us who cluttered, restless rooms when we've the makings of beautiful, quiet ones that would make the good man regret a single night he had to work late at the office.

In distributing the weight and masses (caused by furniture bulk) evenly around the room, remember that color and pattern add considerable emphasis and importance. A large chair in a dull solid color doesn't give any more weight or interest, figuratively speaking, than the smaller one of bright hue or bold pattern. This is also a factor to consider in asymmetrical balance. You can always count on color and pattern to tip the scales against somber bulk. You'll not have all your brilliance on one side, of course, nor all the actual weightiness on the other

any more than you'll place all the high pieces on one wall and all low lines directly opposite.

TRY to intermingle straight and curved lines. The interplay is pleasant. As we said in our previous article on furniture selection (November, 1939), all straight lines in any room are boring and all curves disconcerting, but the combination stimulates interest.

Be sure you've arranged at least one major group for easy conversation, with other chairs readily accessible to accommodate the extra guests without turning the house topsy-turvy.

If your sofa is at right angles to the fireplace, guard against letting it back up too close to the entrance of your room. Furniture backed to the approach gives one a sense of having to climb something before becoming comfortably seated.

In this era of adequate artificial lighting, it's no longer necessary nor acceptable to locate a lone lamp table in the middle of the room; in fact, be sure nothing blocks a free and easy passage thru the room. Also avoid arrangements that make windows inaccessible, keep doors from closing, and present stumbling blocks for sensitive shins.

TAKE a pencil and paper and do a little rough drawing. You'll be surprised at the number of steps you waste zigzagging around chairs placed in the way of passage. Make a simple floor plan and block in the furniture, then a dotted line tracing your steps thru the house. How many extra curves do you discover? A straight line, remember, is the shortest path between two points.

Should you have the good fortune to own a baby grand piano, you also have the problem of making it dovetail into your room. The best solution is to line it up with the straight side to the wall. This takes less space and leaves the curved side of the piano as a foil for a small chair and table, which can usually be used to advantage. If you place it in a corner with the keyboard exposed to view, it usually becomes too dominant a note in the room, dwarfing everything else. We want important groupings, but usually not one intrusive master controlling the situation.

Upright pianos of the older order never have added much beauty. Give them as inconspicuous a location as possible. The new console type is much more adaptable and fits well into the scheme of things.

LET'S swing now to the dining-room. Here there's not much deviation possible in arrangement. Your server or sideboard nearest the pantry door is convenient. At least two chairs should be drawn up to the table; four are even better. A table isolated in the center with chairs scattered about looks as if you are expecting the Ladies Aid for a meeting. In the smaller room a table with an end to the wall is a smart idea—particularly so if [Turn to page 69]

RECIPES FOR So Good Meals

[The Meals Appear on Page 39]

Creole Shrimp and Rice

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---|---------------------------------|
| 2 pounds fresh shrimp, or three 5½-ounce cans | 4 stalks celery, chopped |
| 1 bay leaf | 2 tablespoons salad oil |
| 1 stalk celery, cut in pieces | 1 No. 2½ can (2½ cups) tomatoes |
| ½ teaspoon pickling spice | 2 bay leaves |
| 1 tablespoon vinegar | 1 sprig thyme |
| 1 large onion, chopped | Salt and pepper |
| 1 clove garlic, minced | Dash of Tabasco sauce |
| | 2 cups rice, cooked |

Wash shrimp; cover with boiling water; add 1 bay leaf, 1 stalk celery, pickling spice, and vinegar; cook 15 to 20 minutes. Drain; cover with cold water; remove shells and dark line from shrimp. Brown onion, garlic, and celery in salad oil; add tomatoes, seasonings, and Tabasco sauce. Cook 40 minutes. Add shrimp, and cook 10 minutes. Shape rice mold, hollowing center. Fill with Creole Shrimp. Serves 6 to 8.

Barbecued Veal

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|------------------------------------|---------------------------|
| 1½ pounds veal steak, 1-inch thick | 1 cup canned tomatoes |
| 2 large onions, sliced | 1 small clove garlic |
| 2 green peppers, chopped | 1 bay leaf |
| 1 red-pepper pod | 1 teaspoon minced parsley |
| ¾ cup flour | Salt and pepper |

Cut veal in serving pieces; brown in hot fat; remove and keep warm. Brown onion, green pepper, and red pepper; add flour and blend. Add remaining ingredients; cook 20 minutes. Add veal; season with salt and pepper. Add small amount of water. Cover and simmer 1 hour. Serves 4 to 6.—Mrs. H. E. Fulling-ton, Lincoln, Nebraska.

Batter Bread

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|--|---------------------------|
| 1 cup corn meal | 2 cups milk |
| 2 cups milk | 3 beaten egg yolks |
| 1 teaspoon salt | 3 stiff-beaten egg whites |
| 1 teaspoon baking powder | |
| 2 tablespoons melted shortening or salad oil | |

Cook corn meal and 2 cups milk until consistency of mush. Remove from heat; add salt, baking powder, shortening, and 2 cups milk. Add egg yolks and fold in egg whites. Bake in greased baking dish in moderate oven (325°) 30 minutes. Serves 6.

Pecan Pie

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|------------------------|----------------------------|
| 3 beaten eggs | 1 cup pecan halves |
| 1 cup brown sugar | 1 teaspoon vanilla extract |
| 1 cup light corn syrup | 1 unbaked pie shell |

Beat eggs and sugar; add remaining ingredients and pour into unbaked pie shell. Bake in slow oven (300°) 1 hour. Makes one 9-inch pie.

Jambalaya

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---------------------------|------------------------------|
| 1 large onion, sliced | Few drops Tabasco sauce |
| 1 green pepper, chopped | 2 tablespoons flour |
| 4 stalks celery, chopped | 1 8-ounce can tomato sauce |
| 1 clove garlic, minced | 2 cups diced, cooked chicken |
| 1 teaspoon minced parsley | 2 cups chicken stock |
| 1 cup chopped ham | 1 cup rice |
| ¼ cup fat | 1 cup canned or fresh shrimp |
| Salt and pepper | 10 oysters, if desired |
| Dash of thyme | |

Lightly brown onion, green pepper, celery, garlic, parsley, and ham in hot fat. Add seasonings, Tabasco sauce, and flour; blend. Add tomato sauce, chicken, and chicken stock. Cook rice in boiling, salted water; rinse and drain. Combine rice with first mixture; place in greased baking dish; cover and bake in moderate oven (350°) 20 minutes. Add shrimp and oysters; continue baking 15 minutes. Serves 8.—Theresa M. Lessmeister, Peru, Illinois.

Corn Pudding

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|--|-----------------------------|
| 1 No. 2 can (2½ cups) cream-style corn | 2 slightly beaten eggs |
| 1 teaspoon salt | 2 tablespoons melted butter |
| ½ teaspoon pepper | 2 tablespoons sugar |
| | ¾ cup milk, scalded |

Combine ingredients; bake in greased baking dish in moderate oven (350°) until firm, about 45 minutes. Serves 6.—Mrs. Eunice Lester, Dublin, Georgia.

Baked Red Snapper

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|-----------------------------|--------------------------------|
| 3-pound red snapper | 1 No. 2 can (2½ cups) tomatoes |
| 5 tablespoons butter | 1 small green pepper, chopped |
| Salt and pepper | 1 pimiento, chopped |
| 1 medium-size onion, sliced | 2 lemons, sliced |
| 2 or 3 stalks celery, diced | |

Have whole fish cleaned. Rinse in salt water. Melt butter in roasting pan; spread over fish. Season with salt and pepper; roll in flour. Place in roaster. Combine remaining ingredients, except lemon. Spread over fish. Add lemon slices and enough water to barely cover bottom of roaster. Bake in hot oven (400°) 30 to 45 minutes; baste with sauce every 15 minutes. Carefully remove to platter. Garnish with fresh lemon slices. Serves 6.

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
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[Begins on page 42]

YOU need only glance into the numerous beer shacks and cheap night spots to see how many girls are doing just that today. They're not only destroying their own good times; they're encouraging boys in wasteful, destructive habits. A young businesswoman said to me the other day: "The fellows don't ask you to go to dinner any more, or to a movie, or dancing, or anything you'd enjoy. They take you to a beer shack, and there you sit all evening, watching them get swizzled. And you're supposed to be grateful."

KITCHENS

"Jane is fun," the boys say. Of course she is. Jane won't bother with a date unless it's going to be fun. It's characteristic of the average male, Judy, that he'll take advantage of any weakness in the female. (Vice versa, too, in case there are males listening in!) And doesn't it seem pretty weak to say in effect, "Go

Gladys Penny Sheetz

Last Call

Hurry, Hurry, Hurry!

But hurry—get your copies NOW. If not at your music stores, send 25c (or \$1 for 5 copies) to Dept. 7201, *Better Homes & Gardens*, Des Moines, Iowa.

Speedy Spaghetti Dinner

HITS THE JACK-POT

AT LAST we've found it—a grand Spaghetti Dinner that takes no long simmering, just 45 minutes to gain its subtle blend of flavoring. It's our current Dish of the Month, \$5 prize-winner in the Cooks' Contest for Macaroni-Noodle-Spaghetti Dishes and Tempting First-Course Favorites announced last July. Its author-cook, Mrs. George T. Laughlin, of Cuyahoga Falls, Ohio, christens it "Irish-Italian Spaghetti Dinner." Seems that since the family was that way about spaghetti but couldn't quite go the lusty Italian flavors, she varied the seasonings and developed this delectable half-breed. Meet it on page 43.

Strong competitors in the Cooks' Contest were the 20 \$1 Honor Roll winners. We Tasters and Testers especially approved Italian Casserole, a peppy dinner-in-a-dish with a blend of cheeses; Macaroni Scallop that's a Friday special teaming up macaroni and salmon; Fruit Cup that surprisingly adds white mint candy to a fruit ensemble; January Fruit Salad of orange, grapefruit, and celery stuffed with cheese; Shrimp Appetizer offered up on shells; Roquefort Rolls, cheesy and dipped into walnut meats; and Grapefruit and Crab-Meat Cocktail, different and delicious. Turn to pages 43 and 44 for these winners.

Honor Roll

Mrs. Paul J. Alford, Houston, Tex.
Mrs. James W. Candle, Columbia, Mo.
Anita Coyous, Fairmont, Minn.
Mrs. J. Edward Forrestal, Ivesdale, Ill.
Isabell Hayes, Kansas City, Mo.
Mrs. Bruce Hood, Binghamton, N. Y.
Mrs. David Hunter, New Orleans, La.
Mrs. J. V. LaMore, Portland, Ore.
Theresa M. Lesmeister, Peru, Ill.
Mrs. A. W. Liedtke, Ames, Ia.
Mrs. T. A. Lofgren, Seattle, Wash.
Mrs. Weldon Lundgren, Oakland, Calif.
Mary A. Martin, Bellevue, Pa.
Mrs. Elizabeth Mitchell, Leominster, Mass.
Mrs. Frank Mitchell, Big Pine, Calif.
M. M. Nelson, Portland, Me.
Mrs. Harold Parks, Alton, Ill.
Mrs. G. W. Remsen, Rensselaer, Ind.
Mary E. Volk, St. Louis, Mo.
Mrs. Elizabeth R. Wise, Cedar Rapids, Iowa

Fresh-Fruit Pie Festival—Enter Here!

Or mayhap it's Sandwiches you're a wizard with. Either way, this is your contest, opening now, closing at midnight, January 31, with first prize of \$5 and 20 prizes of \$1 each. In the Fresh-Fruit Pie division we'll welcome anything that can be so classified, whether it has a single or double crust, whether made from flake cereal, cookie or cracker crumbs, or a good pastry recipe. As a reminder, here are fruits in sea-

son: raspberries, gooseberries, late strawberries, early blueberries, cherries, peaches, fresh apricots. Use them in combination if you like.

Teamed with Fresh-Fruit Pies in the contest are Sandwiches Unlimited. Picnic sandwiches, broiled-steak sandwiches, indoor whole-meal sandwiches, and dainty tea-time affairs—they're all in the running. Any bread, any filling, for any occasion.

And remember, the winners of these 21 prizes, if they specify in their recipes one or more of the products advertised in this or in the past six issues of *Better Homes & Gardens*, will receive a package of each advertised product they mention, the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "January Fresh-Fruit Pie Recipe" or "January Sandwich Recipe."

2. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.

3. Be sure to specify in your recipe the brand names of the nationally known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.

4. Include 50 to 100 words about the history or origin of your recipe.

5. All recipes submitted become the property of *Better Homes & Gardens*.

6. Contest closes midnight, January 31.

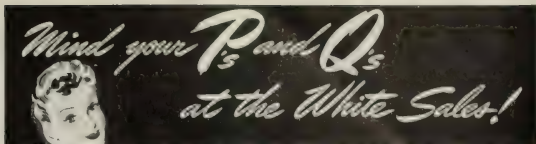
7. Address the recipes you enter to 7401 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines, Iowa.

Meet the Macaroni Family

EXTRA! EXTRA! All about delectable new ways of offering up macaroni, noodles, and spaghetti! "Cooks' Round Table News" this month is full to poppin' with them. Spaghetti goes into a huddle in a ring with a tempting salmon filling, gets together with chili and meat balls for another rib-sticker, combines with corned beef in a casserole, rolls up in ham slices for a baked dish.

There's a scheme for Spanish Noodles, a quick casserole of noodles and canned soup, a noodle-crab-meat company affair, and foolproof fried noodles. Macaroni steps out in a savory soufflé, turns up in a tuna casserole, makes a hit in a new sort of salad.

For "Macaroni Family Specials" send 4 cents in stamps to *Better Homes & Gardens*, 8201 Meredith Bldg., Des Moines, Ia.



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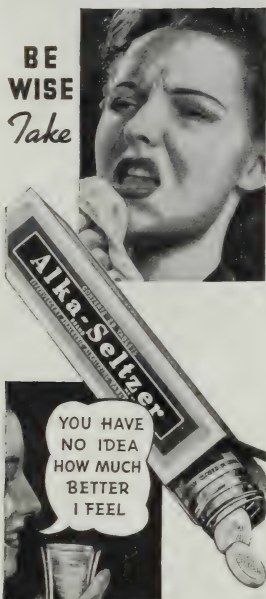
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


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At Home With Walt Disney

terial as much as possible. Few realize what a great wealth of beautiful shrubs, trees, and plants there are, right on these hillsides. We have wild yucca growing on the place. They're beautiful in bloom—almost fairylike. Then we have all kinds of fruit trees—orange, fig, lemon, peach—they bear great big delicious peaches, best I ever ate.

"No matter where people live, they can use native plant material. I don't like formal gardens. I like wild Nature. One of these days I'm going to lay out a miniature ranch, so Dianne can have a lot of fun riding her Shetland pony along a little trail, and pretend it's a real ranch. I'm even going to have a patch of alfalfa for the pony.

"Oh, yes, I've got two iron deer on the place. I found 'em in a curio shop. Supposed to be terribly old-fashioned, you know—that's what makes 'em interesting. Mrs. Disney couldn't see what I wanted with iron deer—just the wilderness instinct in me, I guess."

AND here is a good place for a few paragraphs about the fascinating way the studio's drawings and paintings of the animals and characters are melted into the actions of the complete picture you see.

First, story conferences decide on continuity and action; artists make sketches illustrating continuity from beginning to end; and this is turned over to a director.

Next come a musical score and rough timing. Then come the animators—each assigned certain sequences. As the animators draw the important points of action, assistants follow thru to complete the action. The artists all work with transparent paper on an illuminated drawing board—so that after one drawing is completed, a second piece of paper can be placed right on top of it, and the new drawing raised just enough to make the movement smooth and natural-looking.

Animators' drawings are traced onto sheets of celluloid and painted on reverse side in color by girl assistants. The purpose of this is to make possible superimposing the celluloid over a scenic background, creating a composite picture which gives the illusion of the character working in a stage setting.

CELLULOIDS are set up under a "multiplane" camera and each frame photographed individually. When the completed film is projected, 16 slightly different pictures are shown for a foot of film. In addition to the celluloids, there are drawings for the thousands of backgrounds.

It's possible to record orchestral background before the picture is completed. The animator makes his characters move at the predetermined tempo at which the orchestra plays. When recording, each musi-

cian wears a headphone in which he hears the beat which controls his playing.

Dialog, tho, is usually decided upon in story conference, and is recorded ahead of animation. The sound track is then given to the cutting department where an analysis is made and a graph prepared showing, in terms of single frames of film, the length of words and intervals between. This guides the animators.

IN "PINOCCHIO," when Jiminy Cricket hops into Geppetto's workshop and spies the little marionette, he exclaims, "A puppet!" The chart shows the animator the number of frames required for this dialog. The artist makes the same number of drawings in sequence in which the lips of Jiminy move to form the dialog—with accompanying body movements.

Often sound effects are similarly handled. For example, when Pinoc-

Walt Disney, in an interview with the author:

"In one way, you know, animals are superior to human

"In one way, you know, animals are superior to human beings. People try to change Nature to conform to their own queer notions. Animals don't—they adapt themselves to Nature. You never saw a wilderness wrecked by animals.

"Why do human beings, as soon as they move into a place, declare war on the birds, animals, fish, and wildlife of all kinds? Why do they declare war on natural shrubs and flowers, the rivers and mountains, the fields and forests? They make a mess of things by destroying the balance of Nature. They strip the land of trees and start soil washing into the ocean. You never see animals do that. The heavens even helps Nature to keep water where it is by building innumerable dams. At the same time, man, who is alleged to be far more intelligent, does just the opposite. He straightens and deepens streams so the water will get to the bigger streams more quickly and increase floods. Can you beat it?"

At Home With Walt Disney
begins on page 13

chio is given life, he wriggles his fingers, stretches his legs, and promptly goes into a jig on Geppetto's worktable. In his enthusiasm he loses his balance and falls to the floor with a crash. Trailing him to the floor are articles he has knocked from the table.

The problem of synchronizing such a sound effect to a picture al-

ready made would be difficult. Therefore, the recording of this sound effect was made first, and the drawings synchronized. This preserves realism.

MORE Disney "Wonderlands" are on the way—a dozen years' work is laid out ahead of the studio. Already made is "The Sorcerer's Apprentice," music by Dumas, with Leopold Stokowski, the renowned orchestra leader, directing (one of the "big name" exceptions in Disney's operations). And—of all things—Mickey Mouse taking the title role! And then there's "Bambi," a story offering Disney his greatest opportunity in animating wildlife. (It features a little deer and a friendly skunk!) So enthusiastic are these young men in the rambling studio that they are also thinking about Stravinsky's "Petroushka," Suite, Grieg's "Peer Gynt," and other things ranging from the classical to the ridiculous.

THIS slim young man (he's only 38), who is "Walt" to everyone of his employees—from gardener to top executive—works just as hard as any of them. He still eats lunch, most of the time, at a hamburger stand near the office. His personality permeates every corner of the studios. He mingles with his people and knows them personally. He is a great stimulation and incentive to his artists. Success, and many awards and honorary degrees, haven't spoiled him. He never loses his balance.

Perhaps it's because Walt began life in humble circumstances. One of his first jobs was delivering the *Kansas City Star*—rain, shine, or blizzard. Later he moved with his parents to a farm near Marcelline, Missouri, where he picked up his *Nature* lore and his great love for wildlife.

By the way, most of the large receipts from his pictures go back into new ideas and equipment and into generous bonuses and insurance policies to his employees. He took his entire force of 800 and their spouses or best friends to the Lake Norcoronian Club for an outing, after "Snow White" had been released, as a gesture to show his appreciation for its success.

AND on the home side—"Mr. and Mrs. Disney are just swell parents—that's a fact," said one of his associates at the studio. "They are devoted to their children and have a wonderful family life. They don't go in for any hifalutin' psychological frills, but are such wise and understanding parents that they know instinctively what to do."

Withal he is an artist in a fine sense, telling stories in a new medium, and paving the way for new delights of entertainment—delights of which we can't even dream.

TATTLE TALES



Goat-Gland Stuff: We don't remember when the people of a nation have become so excited over anything as they have over Thiamine Hydrochloride (**Vitamin B₁** to you).

Of course, when something works on a plant and makes it get up and trip around like an oldster with some new goat glands, it's time to take notice; but altho the thing had our staff in a state of high agitation for weeks before the October article^{*} was published (and has yet, for that matter), still we thought a few hardened souls, at least, could take the exciting news in stride and without batting a rose petal. It seems that none are immune—if the thousands of inquiries are any indication.

THE YEAR'S unrepresented award, however, goes to the woman who sent a rush order: "Please send a half-pound of Vitamin B₁, C. O. D." Since the lady would have had to pay the postman something in the neighborhood of \$5,000 if we'd sent her kits accordingly, we reasoned that was probably a bit more Thiamine than the lady wanted. You see, there are 227,000 milligrams in a half-pound, and each dollar kit contains but 40 milligrams.

But at that, there's a good illustration of the dynamo of energy cooped up in one of those minute crystals. To make 20 gallons of watering solution for your plants, you need but one milligram of **Vitamin B₁**—just enough to cover a pinhead!

ANOTHER LADY was anxious to know if **Vitamin B₁** would help her sleep at night. All we could answer was that its plant-life application had been keeping us and a lot of other people *awake* at night! We profess to know nothing whatever about its medicinal effect on humans.

But letters relating experiences of delighted *Better Homes & Gardens* families have been rolling in by the scores—including the fellow whose dahlia grew so tall from the use of it he had to climb a 12-foot stepladder to cut a blossom ten inches across and with a stem three feet long and as thick as his thumb. Some are encouraging indeed; some are almost unbelievable. The greater number of amazing incidents in the use of **Vitamin B₁** have come from California, and we hope this is due more to California soil's deficiency in vitamins than to the native California penchant for modesty. But one thing is pretty certain—our story about **Vitamin B₁** has made fanatical amateur scientists out of some Hollywood celebrities who previously could take or leave their gardening. You'll read all about it in a major article in next month's *Better Homes & Gardens*.

SO FAR as the staff is concerned, we'll put our **Vitamin B₁** experimenters up against the most excited reader. The editor who gave a dose of the stuff to some potted ivy that was gasping its last gasp and found the plants sending out some new shoots and giving birth to new leaves within a few days vies in the telling of its powers with the editor who, last dry October, doused it on his bed of zinnias and marigolds, long since seemingly given up the ghost for the season, and brought them back to lively blooming again.

And if a certain garden editor, who has gone in for numbered pots, control plants, and the whole **Vitamin B₁** menu in indoor gardening (see sketch), permits one more test plant to invade his quarters, we're afraid the office cat won't even have a place to nap, nor the editor himself a place to sit down. The last chair for visitors went into the pot-holding business three weeks ago.

BUT IF you think we're having our fun with **Vitamin B₁**, consider the manufacturer of the stuff who got so many inquiries that he had to establish a special department just to take care of them, and to call back an over-worked employee from vacation to supervise the department—or for that matter, think of those perspiring scientists at the California Institute of Technology (the fellows who started all this furore), who won't catch up with opening their mail until this leap year is long past. They're thankful for that extra day, tho.

As we were saying—something must have happened.

AT PRESS TIME we learn that several concerns are planning to market **Vitamin B₁** in liquid solution, in eyedropper-top bottles for convenient use; that others are to produce it in convenient tablet or capsule form; and that still others are selling Thiamine for plants in small paper packages.

Meanwhile, we'll be happily opening our mail and express. It's all very welcome—including the big apples sent in as evidence. Growers of oranges, grapefruit, pears, peaches, orchids, or coconuts, please note.

Oh, Yes: Incidentally, if any of you haven't yet had a crack at **Vitamin B₁**, this is a reminder that the leaflet of information on this miracle-working powder is still available from us in return for a 3-cent stamp.

^{*}"News of an Exciting Discovery," page 13



"No place for the office cat to nap"



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Agog About Gadgets

[Begins on page 41]

10 A *Fluffy* beater, non-rust spring wire, swishes a smooth sauce. Colored, hand-decorated, 6-inch handle, red, green, blue, or ivory; 35c. Aguirre Studio, Petaluma, Calif.

Spick-and-Span (These gadgets are in the second photograph on page 41): **11** *Playtex* mits of latex, the sap of the rubber tree, fit hands interchangeably, are roomy yet touch-sensitive, have snug cuff; 50c, white or colors. International Latex Corp., 350 Fifth Ave., New York.

12 To end sagging clotheslines, wrap the slack—just anywhere—about this *Jiffy-Tite* tightener; 15c. Eclipse Mfg. Co., 333 N. Michigan Ave., Chicago.

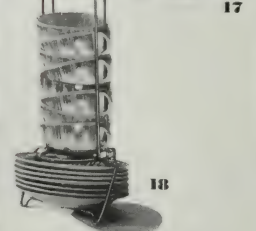
13 Put any toilet-bowl brush, less than 5 inches across, in this gaily enameled, rust-resistant, half-cylinder that hangs on the wall, is ventilated. Twelve pastel colors; \$1.50. Aguirre Studio, Petaluma, Calif.

14 To speed ironing, a coiled rubber jacket holds this *Miracle* electric cord aloof from fabric, non-tangle; 7-ft. stretch; \$1. Colbell Coiled Cords, Box 225, Santa Monica, Calif.

15 These 1½-inch, 3-prong plastic clothespins hang lingerie or baby's wash, come packaged. Six pins, 8-foot braided line, and 2 lock pins to keep it taut; 50c. Modern Products Co., 10 S. LaSalle St., Chicago.

16 A *Junior Whisk* broom in the car brushes dog hairs or stray ashes from upholstery; 50c, delivered from Merkle Broom Co., Paris, Ill.

17 To suspend footed glasses, stemware racks screw beneath a cupboard shelf; 3 racks, 50c. Technical Appliance Corp., 17 E. 16 St., New York.



18 Stack cups, and saucers (to 6 inches wide), so they can't fall. A rubber-coated rack, 12½ inches high, comes in white, red, blue, and green; 59c. Erwin Feibelman Co., 1265 Broadway, New York.

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*See October issue Better Homes & Gardens

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FOR FULL DETAILS SEE PAGE 50.

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19 *Twinspot* pot, center-divided, pours tea and hot water thru separate spouts, 3 measuring cupfuls of each; \$2.95. There are several colors. Townsend Pottery Co., Inc., 400 E. Fordham Road, New York.

20 This crystal dinner bell, about 5 inches high, comes with 3-letter monogram (when ordering, please put initial of last name in center); \$1.35. Monogram Glass Co., Inc., 725 Oakton St., Evanston, Ill.

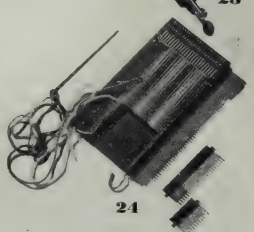


21 Bronze, 9-inch letter-opener, a magnifying lens 2½ inches wide in the handle. This enlarges telephone-book or garden-catalog print when laid flat on it; \$1.50. K-D Mfg. Co., 526 N. Plum St., Lancaster, Pa.

22 Is your dog your folly? This flexible rubber toy has jingle bell and suction base, amusing! *Tingo-Teaser*, 59c. Walter B. Stevens & Son, 155 W. Broadway, New York.

23 This electric *Seal-Craft* iron makes swiftly, of rubber film material called *Plifilm*, protective garment bags, envelopes for linens, blankets, and silverware; and splash-proof aprons and curtains. The iron heat-seals the seams, is \$1. *Plifilm* costs about 25c a yard, about 36 inches wide. Richards, Boggs and King, Inc., Merchandise Mart, Chicago.

24 On this adjustable *Lightning* weaver, make various-size blocks up to 6 x 4 inches, for an Afghan. Orsewintoyard goods, double-stitch around the contours of a garment pattern, cut away the surplus, and sew a garment; \$1.50. United Industries, 66 Trumbull St., Hartford, Conn.



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- As a program feature, your organized club may borrow for mailing costs, from \$1 to \$2.55, the following lectures with stenographic slides. Book these lectures by title then *Better Homes & Gardens*:
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- 9 Mirror Magic: Libby's Ives-Ford Glasgow: 50 slides in natural color show how to use mirrors to decorate, increase room size, and enhance bouquets.
- 1.6.16 New Year's "High-Lat Party": club games to play at a festive supper; organizing outdoor sports. This leaflet will come to you entitled *America's Club Aid for January*.
- 1.6.20 A New Year's Time on Parade: Pictorial club resolutions; panel discussion ideas; dramatics. This leaflet is also called *America's Club Aid for January*.
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Broiling—Hot From Your Range [Begins on page 40]

becoming overheated, smoking, even blazing from direct exposure to the heat, it now runs safely off, thru closely spaced slits, into the broiler pan below. It's simple to pour off the fat after broiling. Some pans even go directly on your top burner for gravy-making. In most models heat is reflected by metal plates, thus adding to broiler efficiency.

With smokeless broiling an established fact, what about broiling methods? The efficient new ranges broil in one of these ways: a pull-out broiler drawer under the oven, using the oven-heating unit, a separate broiling drawer, or a swing-out broiler on a door, the last two elevated to eliminate stooping, each with a separate broiling unit. Some models show an independent top-of-range unit with a grid cover. In many electric ranges the broiler rack slips under the top heating unit of the oven and thus the broiler is waist-high. Each has its advantages; each is so efficient that, with a little experimenting, you can turn out delicious broiled dishes with the nonchalance of a master chef.

High-Temperature Broiling

Steaks, chops, and hamburgers look most appetizing when broiled with a fast, high heat—so crisp and temptingly browned. Place broiler rack so meat surface is about two inches from tip of flame or electric element. Broiling time depends on your family's desires and on the thickness of the meat. Study the cook book that came with your range. The general rule is 12 minutes for "rare" and 15 minutes for "well done" for steak one and one-half inches thick. Time will vary accordingly to the position of the broiler pan. It's smart to make your own broiling chart, listing minutes required to cook various meats to the "done-ness" you like, and the distance from the heat.

Low-Temperature Broiling

This method is recommended for broiling chicken, all fish, liver, bacon, mixed grills with vegetables or fruits, and for barbecuing meats. Takes more time, but food needs less watching. For slow broiling, place rack so food is at least 3 to 5 inches from electric element or flame. Chicken must be thoroly done, so needs slow cooking (almost 1 hour). Fish cooks quickly (usually 10 to 12 minutes) and would dry under high heat. If in doubt about a food, play safe with low heat. In ranges with deep broiler drawer or in ranges where broiling is done in the oven proper, drop rack even lower. In gas ranges where temperature control is used, set regulator at 300° to 400°.

How About Preheating?

Oven experts disagree, so use your range cook book as a guide. Its skilled author-cooks know what will work best in your type of range. They know your range so well they can make it sit up on its hind legs and do tricks.

If You Broil With Gas

Whether the broiler is in a separate compartment or directly under the oven, keep the door closed for high-temperature broiling. Flame will consume odors and what little smoke curls up from the surface of the food. If you've a separate broiler unit, the heat isn't controlled by a thermostat and you can maintain any temperature indefinitely with the door closed. This permits independent use of the oven and makes possible both oven and broiled dishes at the same meal.

If the broiler unit also heats the oven, the oven regulator may cut down high-temperature broiling flame before you've finished. If so, open the oven door to let a little heat escape and speed up the heat control. For low-temperature broiling leave the oven door slightly open, otherwise the heat control will automatically cut down the flame when the oven reaches a moderately low temperature. New ranges preheat at super speed and light automatically.

If You Broil Electrically

You broil in an electric oven with the door open. The thermostat will switch off the heat unless air is admitted thru the door. Most electric ovens have an automatic stop position which holds the door open a few inches for broiling.

In some electric ranges there are two broiling heats: for steady, tense, fast broiling and for low-temperature broiling and barbecuing. In other ranges broiling time and browning depend on the distance of rack from the heat. Meat placed near the heating element gives equivalent of charcoal broiling. Three to five inches away gives a slow broil.

Clean Your Broiler

It's simple, but should never be neglected. Wash it with the dishes as you would any skillet or pan. Fine cleansing powder and a soft cloth remove any particles that adhere. Return it to its special storage location in the range or broiler drawer. When the oven is used for baking only, the broiler pan should be removed. The most stain-resistant broiler rack is bound to discolor in time unless cleaned after each using. Paper toweling cleans your broiling compartment in a jiffy, since smokeless broilers have practically done away with sputtering.

Broiling Hints for Better Meals

Ordinarily, broil food half of broiling time on one side, then turn and complete cooking. Some master cooks prefer a two-thirds time, then a flip for a final one-third. Season just before turning. Don't flip it back and forth. Use wide spatula or tongs in turning meat, or fork inserted in fatty part. Meat pierced with a fork loses delicious juices.

Many foods are improved by brushing with melted butter, salad oil, or other fat, before broiling. Fish, chicken, vegetables, and fruits



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2 Delicious A. H. Audubon, 1 Red & 2 Yellow 1.00
20 Asparagus, 12 Rhubarb & 10 Horseradish 1.00
12 Giant Bushy Celery or 40 Small Celery 1.00
(Premium) 1940 Descriptive Colored Catalog Free
Welch Nursery, 1882-1940, Stevensville, Iowa.

Broiling—Hot From Your Range

[Continued from preceding page]

which tend to dry out should be brushed again during broiling.

Use the broiler for quick broiling of planked meals, scalloped dishes, melting marshmallows, broiler cake frostings, other oven-baked foods . . . for warming up vegetables with a dash of butter or cream . . . for broiling open-face or double sandwiches or for hot hors d'oeuvres.

Crisp, crunchy cinnamon toast is welcome at teatime or for after-school and theater snacks. Spread broiler toast with butter, sprinkle with mixed cinnamon and sugar, slip under broiler briefly before serving. Makes quick work of mass-production toast to use as a base for creamed dishes.

Mixed grills of meat and vegetables or fruits have endless delectable possibilities. Here are a few:

Calves' liver, olives wrapped in bacon, Duchesse potatoes

Lamb kidneys, stuffed mushroom caps, tomato slices

Hamburger steak wrapped in bacon, precooked white potatoes, precooked parsnips

Broiler chicken, precooked sweet potatoes, pineapple rings

Sweetbreads and -bacon brochette, bananas, mushrooms

Usually fish is placed flesh side up and needs no turning. Halibut and salmon steaks are delicious broiled. Whitefish boned and split in two by your butcher, dotted with butter, plenty of salt and pepper and paper-thin slices of lemon, broiled to a delicate brown, then garnished with crisp parsley and quartered lemons powdered with paprika, is a delectable company entree. Fish tends to break apart in serving, so cut cooking parchment the exact size of each piece, brush with butter, lay fish on it, and place on broiling rack. With the pancake-turner slide cooked fish from paper onto preheated platter. It's always wise to brush hot rack with salad oil before putting on the food—it makes for easier turning.

Bacon strips need no turning and are ribbon-smooth when covered with a cake-cooling rack during the short broiling time.

TRIM steak, chops, or ham slices if there's excessive fat. Score edges with sharp knife at frequent intervals to prevent curling. What to broil: beefsteaks and tenderloins;

chops, steaks, patties, and kidneys of lamb; sweetbreads; liver; sausage; frankfurters; hamburger; bacon; and ham.

Fillets of fish, sliced fish, lobsters, and oysters. Broiler chickens and squabs. Tomatoes; inch-thick apple slices cut the round way with core removed; bananas; pineapple slices; orange and grapefruit sections or halves; peaches and apricots, canned or fresh. Precooked white or sweet potatoes, onion slices, eggplant slices, cooked parsnips or carrots, leftover vegetables.

Don't forget, too, that there are electric-roaster broiler units. They're quick, convenient, do a bang-up broiling job for short-order meals. Small electric broiler grills come to the table for quick service and demand only a little space.

ALWAYS whisk your broiled dishes direct from broiler to table on preheated platters. "Broiling hot" is no idle term—it's part of the appetite appeal. Above all, have fun with your broiler. It's one place where you can give your cooking ingenuity full swing—and your family will love it!

This Hoosier Grows Lemons

[Begins on page 28]

room. This was made necessary partly by the fact that termites were eating the front wall of the house and partly by the fact that the lemon trees (there were then several of them) were beginning to crowd us out of our living-room.

IN THIS little greenhouse we have grown many citrus trees of various kinds—lemons, oranges, kumquats, limequats, limes. Also, we have grown many seedlings in an effort to produce a new variety that might be worth while. Our seedlings have been useful only in that they provided convenient root-stocks on which to graft our older varieties.

Of all the lemons we have grown, the Ponderosa is still the favorite. First, it bears very young, as I've indicated. Then it's worth growing for the flowers alone—they're the most spectacular of all the citrus bloom and as fragrant as any. The fruit hangs on the tree for a year or longer and produces almost as many "Oh's" and "Ah's" as do the camellias when they're in full bloom—and that's saying a great deal.

OUR original tree of this variety is still alive and going strong and at this writing has set its largest crop of fruit. It's about four feet tall, rather loose and open in form, not particularly ornamental as a specimen tree. At that it's better than a "rubber tree" even if it never bloomed or bore fruit. Why anyone should give space to a rubber tree is more than I can understand—though we had one years before we knew about lemons.

Contrasted with this is another tree, nearly as old, of the Otaheite Lemon. This is a true dwarf. Our oldest specimen is about two feet high, with a spread of 30 inches, very

compact and ornamental. I tried to count the flowers on this tree early in the season but lost count when I got over three hundred. Since then countless others have been produced and I estimate that this little tree has produced more than a thousand flowers in the single season. The flowers aren't as large as those of the Ponderosa, but are somewhat larger than orange blossoms and just as fragrant. This plant in full bloom is truly a remarkable sight. However, it has taken it longer to reach full bearing age than the Ponderosa.

THE Otaheite Lemon produces fruit of normal size, or a little larger, with extremely thin skin and exquisite quality. The skin is so thin that the fruit is difficult to "juice"—the whole thing is likely to collapse in your hand. Sliced, to be served with tea, they're something to rave about—if you like lemon in your tea. They give any drink a new distinction it never had before—and, of course, the distinction of being a "home-grown crop," because you can't buy Otaheite lemons on the American market, or so far as I know, on any other market. They are one of those rare products* to be had only by growing them yourself—like a certain fragile new strawberry I have in my garden—perfectly worthless as a commercial variety, but priceless on my own table.

I recently sent an Otaheite Lemon to my brother in Florida and it created great excitement among his friends. They all thought it was a new variety I had originated in Indiana and, Florida-like, some of them wanted to organize a company to exploit it. Well, it might be done at that!

Some years ago the "Meyer Lemon" was introduced from China as a

houseplant, but under my conditions it hasn't been a success.** It is a vigorous plant and the one we had grew to a good size but never bloomed, so it had to be thrown out to make room for something more energetic.

Among the oranges I know of only one variety that's suitable for house culture, and that's the Otaheite. (That name, by the way, derives from the island of Tahiti, where these fruits are said to be native.)

Like its lemon cousin, this little orange is a precocious bearer and often produces a few blooms on a plant inches high. As a rule, fruit doesn't set on these very small plants.

As the tree attains size it tends to become rather open, with branches shooting off at all sorts of curious crooks and angles. On a tree two feet high I've produced a peck of oranges. They're better to look at than they are to eat.

THE orange bloom is less conspicuous than that of the lemons. Individual flowers are smaller, not so pure white, and, as a rule less fragrant.

Several varieties of kumquats make nice compact little trees which bloom at an early age. The "limequat"—a cross between the lime and the kumquat—bears at a very early age; but after a few years it becomes too large for my limited space. Also, all of the "quats" produce small, not very conspicuous flowers, and in consequence are less desirable than the oranges or lemons. The lemons at least are well worth growing if they never produced any fruit at all.

*"They" are rare, indeed! See editor's note, page 28.—Ed.
**Disco.—Ed.

All citrus plants are easily cared for, but like anything else worth while they must have a certain amount of attention. They aren't weeds.

When my friends ask how to care for them, I usually mention the fact that citrus plants thrive in Florida and I try to duplicate the conditions of Florida climate in my handling of my oranges and lemons.

That means water *every day* in summer, plenty of it; much less water in winter; avoidance of frost always.

In summer we get the pots and tubs containing the little trees out in the open; not in full sunlight, but in a sheltered court on the north side of the house where they get *partial* shade. In particular, you must be careful when first putting the plants in the open to see that they don't get too much sun. The leaves are tender after being indoors all winter.

IN PUTTING the citrus trees out to pasture for the summer, don't make the mistake of removing them from their pots and planting them in the open ground. If you do that, two things are likely to happen. First, the roots will grow too large and by fall you won't find a tub big enough to hold them. Also, repotting them will prove such a shock that they'll probably lose their crop of fruit. ***

Second, the tops will probably grow faster than they should, and you'll have an ungainly-looking tree.

Often it's convenient to plunge the pots in earth during the summer (it saves some watering), but don't allow the roots to get away from you. When lifting a plunged pot in the fall you may find that a root has grown thru the bottom of the pot. Don't hesitate. Cut the root off and forget about it.

IF YOU obtain healthy stock to begin with, you should have no plant diseases to contend with on your citrus plants.

You can't be so sure about insect pests. Of course, if you obtain perfectly clean plants to start with you'll have a great advantage.

There are, however, some exceptions. The common mealy bug attacks citrus fruits eagerly, and it's to be found thruout the country. It's very common in commercial greenhouses, and if you bring in plants from the florist you're likely to bring with them some mealy bugs for your lemon trees. (In case you don't know this insect, a woman who wrote to me asking what she should do about "the moldy-looking little creatures" that were attacking her lemon tree gave a better description than any ever written by a professional entomologist.)

A SMALL stiff brush dipped in kerosene can be used to remove the mealy bugs if they're not too numerous. If they're allowed to multiply until the entire plant is covered with them, they can be killed by spraying with one of the commercial oil or tobacco sprays. Soap should always be added to the tobacco spray, however, because the wax covering of the insect isn't penetrated by ordinary water solutions.

Those microscopic red spiders are almost sure to make an appear-

ance. Sulphur dust will discourage them but it will also spot silverware; so it may be better to spray them with plain water. They thrive only in dry conditions. If neglected, they cause the foliage to become rusty, turn yellow, and fall.

In the open, grasshoppers have shown a fondness for the foliage of both lemons and oranges. And one of the common ants is objectionable for two reasons. First, these ants bring mealy bugs to clean plants and put them in pasture, later returning to harvest the supply of honey-like substance secreted by the bugs. The ants also eat the substance of the new buds, particularly flower buds.

The best treatment for ants is to use one of the little ant-poison traps that are to be had in seedstores.

There's another source of infection that the citrus-grower must watch—that is, Florida oranges. We are very careful in buying oranges. They don't want to risk bringing all sorts of scale insects into our greenhouse.

After growing just about everything that can be grown in a house in the North, I've come to the conclusion that if I could have but one houseplant, it would be a citrus tree. Probably a Ponderosa—no, I'm not sure about that; perhaps it should be an Otaheite. But, shrubs, why not have *both*?



SOMEHOW or other, we're always running into versatile fellows. Benjamin Wallace Douglas is a professional writer, a one-time editor, an orchardist, a canner, a political adviser, and an entomologist in addition to a greenhouse-gardening hobbyist.

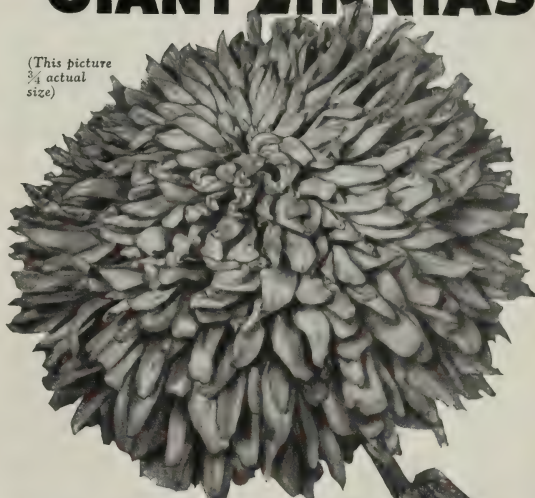
His occupation is writing—and he's written articles on most everything imaginable, he says, including photography, entomology, forestry, and political economy; and several books on horticulture and bee-keeping. But all the other interests are really hobbies—the rambling, orchard-covered hills in Brown County, Indiana, the little canning factory where he makes delicious apple butter and such for a limited number of discriminating buyers, and the gardening at Hickory Hill, some of which he tells about in the article. In fact, it was all we could do to stop him from telling about his camellias and orchids. (If you've a little greenhouse attached to your home, you know how it is.)

We might do the telling ourselves, but this is all the space the make-up editor gave us. See page 28. —The Tattler.

*** He hasn't yet tried Vitamin B1.

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(This picture
3/4 actual
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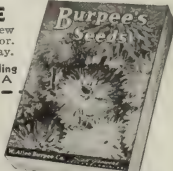
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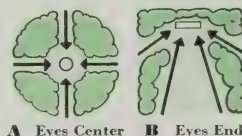
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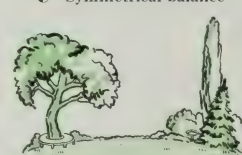
Says Virginia



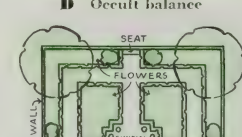
A Eyes Center



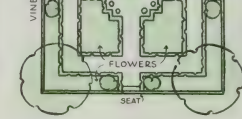
B Eyes End



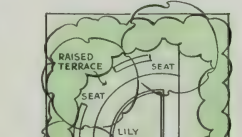
C Symmetrical balance



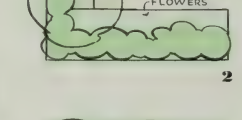
D Occult balance



E Eyes Center



F Eyes End



G Symmetrical balance



H Occult balance

GIVE a man a good garden recipe and he can design himself a good garden.

And there're good recipes handy to give him--two of them. They take the hocus-focus out of laying out a small garden and put the work on an understandable basis.

Let's take a look at them.

Each of these two basic arrangements, developments of the last few years, is comparable to a "master recipe." Each furnishes the underlying scheme. And each, lest you're worried that they'll stereotype design, has as many variations as there are gardens.

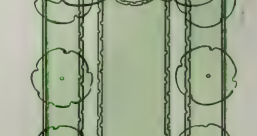
The first of these basic arrangements is distinguished by the fact that the attention of anyone in the garden is drawn to the center, while the second is distinguished by the fact that attention is drawn to the end.

Eyes Center: The centralized type is best illustrated by a wheel (Sketch A), for all the outer parts of the garden are related toward the center much as the spokes of a wheel are related to the hub. This "hub" is the dominant feature of the garden, all else being merely contributory to it. Such a feature might be a single object, like a fountain, statue, or sundial; or it might be a group of objects, like four evergreens arranged around a formal pool; or it might be simply a fine lawn, with the ever-changing shadows cast upon it by surrounding shrubbery and trees.

Eyes End: The second basic arrangement allows the important view to traverse the whole length of the garden, terminating on some dominant object (Sketch B). Every element of the garden points toward and enhances this terminating focal point, aiding the easy progress of both the eye and the foot toward it. It might be a single object, a hooded seat, a gardenhouse, or a wall fountain.



I Eyes End



J Symmetrical balance

Laying Out Your Garden

Harrison Small

tain. Or it might be a group of objects, such as a seat with an old oak overhanging it, or a statue with a reflecting pool in front of it.

Whatever feature is used in either basic arrangement, at the center of the garden or end, it must be sufficiently dominant to uphold the interest placed upon it. If it isn't, the whole scheme will fall flat, much the same as bread without yeast.

Take Your Choice: These two garden recipes can be varied in any way you like. There are three main classes of variations, however, which apply to either basic arrangement.

(1) The *formal* manner uses definite, geometric forms in symmetrical balance, as in **Sketch C**.

(2) The *informal* manner also uses definite, geometric forms, but employs instead the more subtle occult balance, as in **Sketch D**.

(3) The *naturalistic* manner draws its inspiration from true Nature rather than from man-made forms, and uses, therefore, subtle, flowing lines.

It works out quite all right to develop either of the two basic arrangements in any one of these three manners. You're free to choose whatever details you like best—what sort of fence, gate, or seat, what plants, what kind of accent or feature.

Now the best way to learn to cook is to cook. So is it with designing a garden. I've therefore made some drawings of garden plans, illustrating these two basic arrangements and the variations we've been talking about.

Garden 1: Gardens 1, 2, and 3 are of the type whose main interest is in the center. Number 1 is a *formal* arrangement. It has at its center a sundial, altho a fountain, statue, or pool would be equally effective. Edging the beds, spacing shrubs at definite intervals, and setting a small ornamental tree in each corner help to define the design and give it more

interest. Because the plan is so direct, choice of details—the wall, gate, seats, potted plants, vines, paving of the paths, arrangement of flowers within the beds, every detail—will make or spoil the garden.

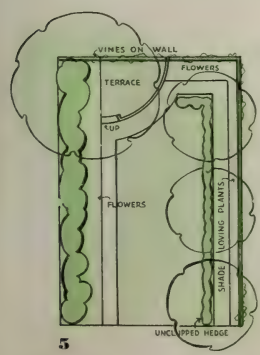
Number 2, centered about a large lily pool, is an *informal* garden. The terrace on which the seats are placed is raised 6 inches (either by a grass slope or low rock wall) to accent the pool thru difference in level. The inclosing shrubbery border and the two flower borders should be planned not so much to call attention to themselves as to form a background for the pool. Hawthorns, because of their horizontal branching, would be nice for the trees.

Number 3 is a *naturalistic* garden, with interest centered on the lawn and the shadow patterns made on it by the trees and shrubs. The success of this garden depends entirely on the plant materials used; you must choose them not so much for their bloom as for the way in which they harmonize in form, texture, and foliage color, and their ability to cast interesting, ever-changing shadows. Don't use plants of a heavy, dense nature, such as maple trees and laurel shrubs. Rather, use plants of a more open, graceful habit, such as the American Elm, forsythia, and kolkwitzia.

Garden 4, Eyes-End Type: Gardens numbers 4, 5, and 6 are of the second basic type; the chief interest lies at the far end of the garden. Number 4 is a very *formal* arrangement climaxing in a fountain, behind which is a semicircular seat backed by evergreen shrubs. The fountain might be a figure or a simple basin, but it must be a very attractive piece, for the success of the whole garden scheme absolutely depends upon it. Brick would be a good choice for the wall and paths, with dwarf box hedges edging the grass areas. The small trees might be Flowering Dogwood, and the large trees at the back, elms. This could be a very dignified, lovely garden, whose charm would increase with its age.

Garden 5 is *informal*. The terminating feature, a large seating terrace shaded by an overhanging tree, is decidedly off-center. Only in formal work is it necessary to place the feature directly on the center line; indeed, in gardens like this, it's best placed off-center. Balance isn't nearly so obvious as that in Garden 4, but occult balance is present nonetheless—the flower border, terrace, and large tree on one side balance the low, unclipped hedge and the row of trees on the other. For interest and variety there's a narrow border for shade-loving plants at the base of the wall.

Garden 6 is *naturalistic*. Interest terminates on a large tree with a curved seat beneath. The more picturesque this tree is, the more successful the garden. It should [Turn to page 69



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"How to Be a Gaffer"

THE title—which is the tag
for a very helpful article in last
month's *Better Homes & Gar-
dens*—really sounds rather like a
treatise on crime, doesn't it?

But the crime would be in
not bringing you such a col-
lection of illuminating and
downright helpful ideas when
we had them in such concise
and understandable form. So
next month we teach you how
to be grafters in an innocent
gardening way.

A. B. C.

[Begins on page 48]

be really, entirely happy together.

The way I like to begin a new
planting is to list, by colors, all the
flowers we'd like for the new strip of
perennials. For example, under blue
it would run something like this:
Azure Lungwort, Virginia Blue-
bells, dwarf, intermediate, and tall
Bearded Irises, blue cranesbill, Chi-
nese and tall hybrid delphiniums,
both the early and the late anachas,
blue bellflowers, veronicas, blue plat-
ycodons, mistflower, Azure Sage,
blue moonshood, and such good blue
hardy asters as Climax, Skylands
Queen, Blue Jacket, and Blue La-
goon. And because most of our fam-
ily is at home except for late-summer
vacations, I'd plan the border so that
there would be some blue flowers in
bloom to add spice to the warmer
colors all thru the season.

Off to a Good Start: "B" in our
gardener's alphabet is for Beautiful.
Beginning, the good planting every
flower in our border is to get. Open
up in the well-forked bed a hole large
enough to receive the roots of the
plant in their natural position. A
good general rule to follow is never
to allow the crown of the plant—
that's the point where the stem
leaves emerge—to be sunk below the
ground level when you've watered
it in well and finished planting. Iris
rhizomes should be covered shal-
lowly, peony buds with never more
than two inches of soil over their
crown buds.

The commonest mistake, prob-
ably, that beginning gardeners make
is crowding young plants. It's hard
not to. Yet after its second year an
up-and-coming peony will certainly
need a breadth of three to four feet,
depending upon how and whether
you stake it, and Oriental Poppies
and yellow daylilies two feet.

So the smart thing to do is to fill
the wide-open spaces between your
most important perennials with such
gypsy-hearted flowers as White
Dames Rocket, Elder Daisies, gar-
den-heliotrope, columbines, Spike
Veronica, and for edgings the always
useful Cream Violet. For such tem-
porary stays you can also use plants
that thrive when divided every two
or three years—Lavender Catmint
(*Nepeta mussini*), dwarf hardy border
asters, and tall garden phlox.

And don't push even these under
the peonies so far they'll be over-

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rain just as soon as the topsoil is dry.
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faded flowers so the plants won't
spend their energies needlessly in
making seed. It stands for the calcu-
lations you'll want to make so there
will always be color both for well-
timed combinations in the border
and for cutting.

Start making plans—now! Where
are those catalogs? And pencils?
Making the lists is only the first of
the fun. Flower trophies of your own
raising are the most satisfactory or-
naments that ever graced a yard, a
mantel, and an office desk.

Twins Under the Skin

[Begins on page 16]

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—to find out how and why furnaces and air-conditioning equipment do or do not do their job



Here are some of the instruments registering the functioning of a warm-air furnace in the Research Residence of the University of Illinois. Daniel Thomson, graduate assistant, is reading the indicator showing density of smoke in the flue gas. To his right is a dial recording the amount of carbon dioxide in the gas. Large dial at upper left records amount of draft at the smoke pipe, while small dial at lower left indicates temperature of flue gas, and the one adjacent records temperature in the bonnet, the upper portion of the furnace from which pipes distribute warmed air through the house

By Allen W. Williams

SINCE the parlor stove and the fireplace have been superseded by the air-conditioning furnace, the National Warm Air Heating and Air Conditioning Association has studied the effectiveness of the different systems that have been introduced.

In working out improvements in distribution of heat, the science of heating has moved so swiftly that home-owners haven't kept up with it. In fact, the Association has its hands full at the present time in imparting the knowledge it has gained to local plumbing and heating contractors and repairmen.

The most important advance in home-heating has been the discovery of ways to distribute heat from a central source so that it pervades

all parts of the house and gives to every room a comfortably even temperature. The modern furnace, especially when it is equipped with a thermostat which regulates the temperature automatically, is an accurate machine, as far removed from the fireplace of our ancestors as this year's automobile is from the oxcart.

BUT while the Modern Age has released us from the housekeeping drudgery of grandmother's day, it has forced us into dependence upon the people who make and install our household machinery. And if you aren't sure of the competence of the dealer who installs or repairs your furnace, a good plan is to ask the advice of the company that made it. One of the authoritative sources from which these manufacturers derive their information is the University of Illinois. Here scientific research in household [Turn to next page



Both direct measurements from thermometers in the duct and distant measurements thru instruments at this control panel are made by a research graduate assistant, University of Illinois, studying heat losses in passing warm air thru a 20-foot duct from the furnace to the room grille

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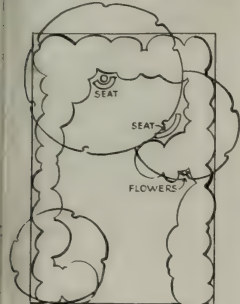
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Begins on page 62]

be of the strong, rugged type rather than of the pretty, ornamental type. A sycamore, an oak, or a Cork Elm would serve nicely, for they all have that substantial, sturdy, satisfying look. The older the tree is, the better. The shrubs should harmonize and blend together and should be al-



lowed to branch gracefully right down to the grass. Clumps of flowers might be used among the shrubs, but sparingly; nothing can so quickly ruin this type of garden as the thoughtless planting of a ribbon of flowers all around the shrubbery border.

HERE you have the recipes for planning any small garden—definite, understandable recipes to help you in making a beauty spot of your own back yard.

Begins on page 26

we work over a worn-out bush honeysuckle. Cut the old battle-scarred stems off as near the ground as possible (study **Sketch 3**). If no growth at all is left after these are removed, new shoots will come up from the crown and grow four to six feet the first season.

Usually, however, after the old, worthless stems have been removed, a few younger, medium-size stems and possibly some new shoots remain. These should all be cut back at staggered heights (see the **arrows**) ranging from one to four feet above the ground line. The reason for this cutting back to uneven lengths is that practically all new branches will grow from buds just below the cut, and if you prune all stems back to the same height, you leave all the foliage in the tops and nothing but bare stems below.

IT DOESN'T matter what kind of unsightly old shrub you're trying to rejuvenate. You have to cut them all back just as you do the bush honeysuckle. And you'll be surprised at the good results.

[Continued from page 52]

you've a combination living-dining room.

A step farther to the bedroom. Extensive tests prove that morning sunlight insidiously disturbs your slumber even though you may not awaken. So place your beds accordingly, or diffuse the morning light with blinds. Mothers, take note, if you've early-bird youngsters.

Dressing tables are well placed in front of windows, provided the mirror isn't too high or the window difficult to control.

Twin beds are generally smarter close together with a night table on either side, rather than separated by one table in the center.

Keep halls attractive and uncluttered. Umbrella stands and coat racks should be relegated to less important places. The hall is the keynote of your house. Also, keep it safe

by placing close to the head or foot of the stairs nothing which might cause falls or endanger one who may have fallen.

IN CONCLUSION—you can “change” the shape of any room by your arrangements. Keep them simple and straightforward, but take advantage of horizontal lines across the long, narrow room to square it up a bit. Conversely, emphasize the long lines if length is needed. Wherever you lack wall space to achieve these effects, don’t hesitate to place sofas in front of radiators or windows, leaving a little breathing space between.

Now that we've checked over these many points together, if your room doesn't score par you'd better get moving! And next time we'll top off with our article on *Finishing Touches*.

[*Begins on page 47*]

cious, if described, never prove really "impossible."

In planning our color combinations, whether for the garden or the home, the principles are similar. We find that those hues which produce a harmonious effect indoors will do the same in the garden. Take blue and gold, for example—blue and rose, or pink and mauve. A bed of brilliant calendulas will seem all the gayer for the bed of tall blue larkspur which peeps up just behind it; or, later, monkshood will be brought into high relief by a planting of Purple Coneyflower not far off. And is there anything lovelier than a planting of pink and mauve annual larkspur?

THE question of color brings us again to a decorative need—a need for accents, whether of color or otherwise; that is, a contrast of any kind which makes for beauty or for interest. Try for this contrast on your hedge or shrubbery as well as among your many-colored flowers.

If the hedge is high, vary the monotony of its horizontal line by plantings of evergreen, which will tower above it here and there, or leave a little gap thru which you may catch a glimpse of distant hills. Perhaps a mass of tall perennials in front of the hedge here and there will give it added interest—anything may be used which will break monotony in color, height, or any other way.

Try using small evergreens in clumps among your flowers, always using them at corners of the bed, at the junction of crossed walks, or at some other spot where they'll obviously have a reason for existence. Their touch of darkness will bring out the brilliancy of the blossoms around them to the full.

Garden Furniture: Here again we touch upon an important factor met with inside the house—that of scale. Don't overcrowd a small plot with

pergola, summerhouse, and lawn umbrella. They may be delightful in large grounds but in small ones they don't produce a good effect in any way. As fitting would be a great, overstuffed davenport in the tiny combined living-room and dining-room of a two-room city apartment.

Furniture of some sort you should have; for the garden is not only a place to walk and work in but also a place to enjoy. You'll need two or three comfortable seats and perhaps a sun umbrella. All must be plain, dignified, and simple. Nothing detracts from a garden more than weatherbeaten furniture. A simple concrete bench or a white-painted one of heavy, dignified design won't prove too much for any plot, however small, and will be a decorative addition to the garden as well as a thoroughly practical provision for the summer afternoons in which you sit among your blossoms.



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Along the Garden Path

REG. U. S. PAT. OFF.

WHERE READERS AND EDITORS EXCHANGE TIPS

What to Do With Poinsettias

AFTER CHRISTMAS the leaves began to turn yellow and drop off my poinsettia. A florist said this was normal and advised me to water the plant sparingly. When the plant was only a dead-appearing stick, I placed it in the warm basement and forgot it. In May I repotted it in new soil, cut back the stem to an 8-inch stub, watered it, and sank the pot in a sunny spot in the garden. Soon it sprouted and grew all summer. I brought it indoors when cool weather arrived. By early December it was showing several flowers.—Mary Wilson, Del.

Moved With Frozen Roots

DURING A THAW last year I dug a trench around a tree I wanted to move. Later when the ball of soil was frozen around the roots, I transplanted it to a new location without disturbing the roots in the least. For filling I used soil which had been covered by a pile of leaves and wasn't frozen.—Mannie Herbert, N. D.

Some roots are always lost or loosened when a tree is transplanted, so it's wise to prune the top as shown in the sketch, leaving the main framework but removing the smaller twigs shown with dotted lines.—Editor.



Pruning Evergreens



INSTEAD of waiting till spring I prune my junipers and redcedars just before Christmas, then I have a lot of twigs for decorations.—George Hodlista, Ohio.

For Tree Wounds

TO PROTECT wounds and pruning cuts on shade and fruit trees and shrubs, coat the growing surface with shellac and then paint on a mixture of equal weights of bordeaux powder and raw linseed oil.

Bordeaux paint is also an effective fungicide, but don't apply it to moist or wet wood; it won't stick. Since it thins out a couple of hours after mixing, mix only enough for the job on hand.—Wesley Melzian, Calif.

Perennials Make Houseplants

LATE LAST fall after the ground froze, I chopped a clump of iris and a clump of daylilies from my garden. I put them in coffee cans in an east window. Soon new shoots started.

The daylilies came first and we had 10 beautiful blossoms as fragrant and colorful as when outdoors; later the iris had two lovely flowering stems.—Mrs. C. W. Fay, N. Y.

Bleedinghearts are particularly successful. Take them up just after the first freeze and put them in large pots.—Editor.

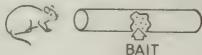
Keeping Copies of BH&G

I HAVE EVERY copy of *Better Homes & Gardens* for 11 years. I stack all September copies together, all October copies together, etc. As I read my magazine I mark the title and page of anything I wish to remember on the outside front cover. When I want to look up something on a spring flower, I just look at the outside covers of the spring issues; and for fall flowers, I look at fall-issue covers. I find this very helpful.—Mrs. J. W. Hughes, Mo.

How to Save Young Plants

INVERTING FLOWER pots over young perennials for the winter saves many plants which otherwise might freeze. When I uncovered my Russian Violets and Pansies last spring they were as green and fresh as in the fall.—Mrs. A. E. Brocklebank, Ohio.

Kill Rats and Mice



If you're bothered by rats and mice wary of traps, here's a safe way to set out poison grain: Get a one-foot length of 2-inch pipe. Fix this to a base of 1 x 4 board, place poison grain or any other lethal bait well inside the pipe, about in the middle, and lay it where the rodents can get at it. They'll enter and eat the bait, but birds won't.—Alan Berry, Calif.

TO KEEP WISE rats and mice from nibbling bait off a trap, cut out a piece of screen about 1½ x 1½ inches, bait the trap with a piece of strong cheese, and bend the screen around the bait and trigger. This is sure death to bait-stealers and will remain in place for many settings.—Charles Harrison, Vt.

Birdhouse and Pen Holder

YOU CAN make a wrenhouse quickly and well with a coffee can and old wooden penholder. Below the doorway hole I cut a small hole and insert the penholder thru it from the inside. The tapered holder is wedged tightly when in place. A roof made from a bent metal shingle put my wren-



house right in the Birdcost Gardened-Home class.—Fleeta Brownell Woodroffe, Iowa.

Intruding Roots



BRICKS LAID end to end and buried half their width at the edge of the flower bed or border will prevent funkia, lily-of-the-valley, and similar plants from running out of bounds. Foliage conceals the bricks, looks neat and uniform.—Robert H. Eckstein, N. Y.

Don't Burn Leaves on Your Lawn

IT'S A MISTAKE to burn leaves on a lawn. Even a small fire will leave an unsightly burned spot to look at all winter; and if the fire is hot enough, it will kill the grass roots and cause no end of trouble. Leaves should be used to cover perennials or to add to a compost heap. At any rate, burn leaves in a road or path where they will not kill grass.—Jameson Hendricks, Pennsylvania.

Pull and Burn

WHILE MANY people make the annual clean-up after a vegetable garden has passed on merely for the sake of appearances, the real reason to pull and burn every last tomato, squash, melon, cucumber, and especially bean vines, is to destroy the very places where garden pests hibernate ready to pounce down on your garden next summer. This advice also applies to all perennials which make new growth every year—like iris and lilies.—Millicent Morris Harvey, Arkansas.

Garden-Tool Tips

I READ WITH interest the December article dealing with the favorite garden tools of well-known gardeners, and I noticed that none of them mentioned the putty knife. Probably this isn't commonly regarded as a garden tool, but to me it's the most indispensable among them; in fact, I never go into the garden without one in my pocket. For transplanting seedlings a putty knife is far ahead of a trowel and is always good for close weeding among plants. It's made of good material and retains a sharp cutting edge better than some garden tools. And on occasion a putty knife makes an excellent guillotine for beheading cutworms and white grubs.—Dr. A. J. Stevens, Wis.

ABOUT THE HANDIEST TOOL I possess is the end of an automobile spring about 14 inches long, straightened and sharpened at one end. Some of its uses are digging plants for re-

planting, and opening paint pails.—R. L. Farnsworth, Iowa.

Tasty Smells

PERUVIAN-DAFFODILS and Wink Honeyuckles smell like candy; *Magnolia fuscata*, like bananas; *Sw Olive*, like apricots; sweetbays *Magnolia grandiflora*, like lemons; jujube blossoms, like grapes.—E. Morgan-Dunham, Ala.

Clotheslines Now More Sightly

TO ME, very few lawns are beautiful after the proud owner has erected the necessary clothesline poles—which remain gaunt, unlovely, and decidedly obvious in spite of his efforts to set them in an inconspicuous place. Why not an attractive trellis or lattice-work arrangement placed in front of the pole and cross arm, concealing them?—Mrs. E. D. Marnebr.

Caring for Paint Cans

AFTER PAINTING the garden chair and trellis, the left-over paint from which the lid has often carelessly been thrown away can be kept so with no hard covering over it. I'm applying melted paraffin wax. It will keep it for further use.—Emm L. M. Curtis, R. I.

Lawn-Grass Stimulator

EXPERIMENTS prove that more vigorous growth of dark green grass is usually noticeable within a week after applying a solution of potassium permanganate.

On heavy clays and loams, a ounce of potassium permanganate in 8 gallons of water sprinkled on 1 square yards of lawn usually is very effective. On light soils, use as much as 1 ounce of potassium permanganate in a gallon of water on 1 square yard of lawn. Apply at 2 to 3-week intervals.

Potassium permanganate is an excellent cure for mossy lawns. Use a ounce of potassium permanganate in 1 gallon of water on 1 square yard. If the first application doesn't kill, give a second dose 10 days later.—C. A. Muzzuchelli, Ill.

Wooden Shoes

FOR UNIQUE plant containers, try wooden shoes sold in tulip-festival towns like Holland, Michigan. I bought a pair. I grow wandering-jew in one and arrange flowers in the other. I shelled them inside to make them waterproof and secured them to the window frame with screw eyes and a wire. Sometimes I use them for a table decoration.—Henrietta Dousman, Mich.



African-Violet Success

AS A HOUSEPLANT the African-violet has pushed the geranium into the background. It endures anything but hot sun and dry feet. To avoid the latter, plunge the pot into a bowl filled with granulated peat-moss to which you add a little water every time you water the pot.—Helen Field Fischer, Iowa.

FEBRUARY 1940

Better Homes & Gardens

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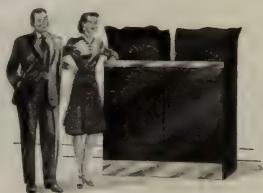
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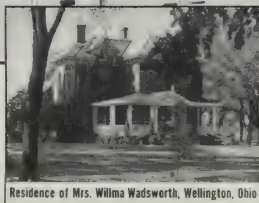
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BETTER HOMES & GARDENS

VOLUME 18

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Do YOU have a room like this in your house? Do you shrug it off on the basis that you can't afford to do anything about it? Do you have attic or cellar space going to waste when you need more room? Would you like to build a "rumpus" room so you can play ping pong down cellar?

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BUILDING MATERIALS





ACROSS THE Editor's Desk

REG. U. S. PAT. OFF.

HOME, we are told, is where the heart is, as I have remarked before on this page.

Instinctively we know that to be true. It's an axiom, as we know certain other truths to be.

Yet *why* our hearts are there is something that we might, to very good advantage, try to learn.

Imagine that poor unfortunate whose only place of residence is a hotel room. By no stretch of the imagination can he call it "home," unless, knowing full well how wrong he is, he still uses the term in his longing for the reality.

Imagine, again, the occupant of an apartment, with super-intendant, janitors, hall boys, and telephone operators daily performing those tasks which, in a home of his own, the apartment-dweller would perform for himself. Home-like tho such a place may be, there is something likely to be lacking.

POSSESSION, NO DOUBT—actual ownership—plays an important part in this atmosphere of home. A rented house somehow suggests, in the very terms of the contract, less of permanence—less of home.

But mere possession isn't enough.

Now and again we have come across houses owned and occupied by people who, somehow, still had no home. In such houses, too, the greater the physical perfection of house and furnishings and garden, the less of home they have suggested.

Why?

It is difficult to say, yet I have sometimes felt that the very flawlessness of such surroundings suggested mere purchased comfort—mere paid-for service—not the thoughtfulness, the give-and-take, the comfortable *used* appearance of a home.

A house, in other words, isn't a home the day it's completed. Nor is it a home the day new furnishings and rugs and draperies are installed. The place must undergo a period of use—of daily, routine living. It must show signs of wear.

Sa-ay—what do you mean I'm in college?

Well, you are—you weren't three hours old when your Dad raced over to me and telephoned the Prexy of his old ivy-covered halls and popped you into the Class of 1961!

My goodness—you work fast!

I have to! You see, there are times when it's important to be lightning-quick. Like the night your father smelled smoke in the house and called the firemen. And the time you had croup—heavens, I was busy then, waking up the doctor!

Why, you're an important person—practically a heroine

Bless your heart, I'm a heroine only once in a while. It's the constant little things I do every day that make people want to have me around! I give shopping-lists to the grocer, carry messages about teas and meetings, flash good news to families . . . why, I'm on the go day and night!

And do you cost a lot of money?

I do *not*. Your Mother said just the other day that she didn't see *how* I could cost so little—and give so much.

BELL TELEPHONE SYSTEM



SO HERE THE HANDYMAN can play an all-important role—second only to the daily activities of the handy *woman* whose tasks are the only ones more vital to a home.

And when, thruout your house, you have played a part, however hidden from other eyes, in repairing and renewing, in adding and in changing, you will find that you yourself, with your two hands and work bench, have aided in creating—not merely a thing of wood and brick and furnishings—but a home.

Editor



White Gladiolus,—one of a series of flower arrangements illustrated and diagramed in the book offered on this page. •



The Six-Bottle Carton



Always serve Coca-Cola ice-cold. That means to pre-cool the bottles in your refrigerator. Then use ice to keep them cold. There are many attractive ways to do this. And remember, there is a very convenient way to get Coca-Cola, — in the handy six-bottle carton, from your dealer.

Refreshing touches make a house a home

Everybody welcomes those things that brighten a home, that make it a pleasant place to be and to see. Flowers, pleasantly arranged, add to the spirit of living. So does ice-cold Coca-Cola. It's one of the pleasant things of life that belongs in every home. The life and sparkle of ice-cold Coca-Cola add life and sparkle to any occasion. Pure, wholesome, delicious,—Coca-Cola fills a unique place in the scheme of refreshing things.



Get this beautiful book

- "Flower Arranging" by Laura Lee Burroughs contains 48 exquisite color reproductions of flower arrangements and many practical suggestions on this rapidly growing and fascinating art. Send your name and address, clearly printed, enclosing ten cents (coin or stamps) to cover cost of handling and mailing, to The Coca-Cola Company, Atlanta, Georgia, Dept. B.

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IT'S NEWS TO ME!

REG. U. S. PAT. OFF.

By Anna Joyce Olson



1 Christine Hollbrook likes this 7-inch wallpaper border to enliven plain walls of a tot's room—at child's eye level or as ceiling strip—with a bit to trim window cornices and a wastebasket. On white or tinted ground, 15c a lineal yard. No. 6501, Imperial Paper & Color Corp., Glens Falls, N. Y.



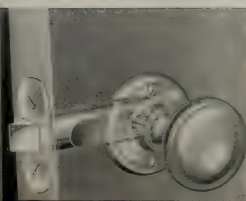
2 To triple-pleat draperies or glass curtains just stitch this buckram Zip-Pleater as facing to the fabric top, then pull its pair of incorporated cords. You've perfectly spaced pleats that draw smooth to wash or dry-clean and re-pleat by cord-pulling! A pair, with rod-hooks, 85c to \$1.25 in stores, in selection of 2 widths (for heavier or lighter curtains), each width available in a length cut for fabric 32 to 36 inches, and in one for 44- to 50-inch material. E. L. Mansure Co., 1605 Indiana Ave., Chicago.



3 Compact and convenient, all-metal wall-dryer extends as needed to make 15 feet of drying line, and folds out of the way instantly. Its bars are snag- and rust-proof. New Art, green or ivory, \$1.95. Artmoore Co., 108 N. Water St., Milwaukee.



4 Unique wood bookends, each about a 4-inch cube, have a friction base to retard slipping, cost \$4 a pair in pine, \$6 in solid walnut, in your initials. Davidson, Ltd., 420 North Orleans, Chicago.



5 Streamlined, tubular latch and lock sets sacrifice no quality, yet offer lower-cost building hardware for many homes and, installed in about $\frac{1}{2}$ the usual time, save labor cost. This phantom view shows how only two holes, drilled to intersect, take the lock. Lathroom or bedroom set has outside, emergency unlocking device, for tots' safety. Hardware comes in selection of panel designs, knobs, and finishes; bathroom set is \$1.75. P. & F. Corbin, New Britain, Conn.

6 Instead of a sounding board, this Storytone small piano, to plug into an electric outlet, has radio mechanism that swells the true tone of each string even to remarkable volume! Or practice, with the amplifier dialed off, can hardly be heard across the room. The bench houses an RCA radio which plugs into the piano's mechanism, and a record-changing Victrola. Enjoy either alone, or play the piano with one of them. Piano costs \$695; bench, \$150. Story & Clark Piano Co., 64 E. Jackson Blvd., Chicago.

7 New silverware chest is also a serving table 26 inches high and, with drop leaves raised, $12\frac{1}{2}$ x 40 inches wide. Of mahogany, with red velvet-lined interior treated to keep silver non-tarnishing, it holds up to 92 flatware pieces but is included with a 61-piece set of Heirloom Plate that costs \$69.25 and serves 8 persons. Oneida, Ltd., Sherrill, N. Y.

8 Buy what you can afford of this sectional greenhouse; later enlarge it! Made of glass panels in painted, cedar frames and delivered in cartons, you bolt it altogether to its staked wood-base frame. Plants grow directly in the ground and the greenhouse can be easily moved if you should build a new home. All models are $13\frac{1}{2}$ feet wide. The smallest, with but one end, attaches to house or garage, is \$89.50. We show Model 3-B-1, \$169.50. It has 3-panel sides and 2 ends with sliding doors; is nearly 8 feet long. The only extra you may need is a low-cost heater. Onlyt glass garden; Lord & Burnham Co., Des Plaines, Ill.

9 To filter, moisten, and circulate the warmed air this recessed Newport winter air-conditioning unit is installed in any two-pipe steam or forced hot-water heating system, needs no ducts. One or two room-units do for many a home. Cooled air enters the floor grill, passes thru filter and moistener chamber, as shown in the small picture, is warmed and forced thru the wall grill. In summer the blower circulates filtered, indoor air. Your dealer can tell the cost of conditioner for your home. Crane Co., Chicago, Illinois.



► Have you ever had a lantern-slide club program? New, 45-minute series of Kodachrome slides—natural-color photography, you know—is called *Glamorous Table Settings for All Occasions*, by Fae Huttenlocher. A lecture for a club member to give accompanies slides and all is lent free but for mailing cost, \$1 to \$2.25. As climax, there's a contest: pictured tables from which the audience selects arrangements in good taste and otherwise. She whose list is most correct receives a crystal vase from Fostoria Glass Co., sponsors of the lecture. Book this lecture thru *Better Homes & Gardens*, Des Moines, Iowa.

► Happy help for my February economy streak is a booklet, *100 Selected Dried Fruit Recipes*, clever desserts, meat stuffings, preserves, even canapés made with nutritive and budget-wise dried fruits—prunes, raisins, apricots, figs, apples, peaches, and pears. Booklet is free. Creative Kitchen, California Dried Fruit Research Institute, 1 Drumm St., San Francisco.

Careful not to exceed their budget
but they can afford . . .

A CRANE MODERN BATHROOM . . .



THESE PLUMBING
FIXTURES ON F.H.A.
PAYMENT PLAN
\$14⁵⁰
PER MONTH

CERTAINLY the Smiths need to watch their budget and you'd never think they could afford such a charming bathroom. For here you'll see the very latest in quality plumbing products . . . a smart Drexel lavatory of vitreous china with a large basin, roomy shelf and faucets delivering tempered water . . . a quiet Hanover closet . . . a truly modern low height *Coronova* bathtub.

What's the secret? Simply that Crane quality, with all its extra convenience and appeal, costs very little more than inferior plumbing fixtures delivered merely to catch the eye. And in addition, there's a convenient Crane F. H. A. Plan to make payment easy!

Don't deny your home the lasting satisfaction of a really fine bathroom! See your Master Plumber—let him show you the many Crane quality plumbing fixtures for every preference and purse. Decide now to have the extra pride, the extra utility, that come with having a CRANE bathroom! Remember "Crane Quality costs less than you expect."

CRANE

CRANE CO., GENERAL OFFICES: 836 S. MICHIGAN AVE., CHICAGO

VALVES • FITTINGS • PIPE • PLUMBING • HEATING • PUMPS

THE



DIARY

of a Plain Dirt Gardener

REG. U. S. PAT. OFF.

By Harry R. O'Brien

Caricatures by Tom Carlisle

Feb. 2 This is Farmers' Week on the agricultural side of the state university campus where I am a humble laborer in the field of educating young men and women how to write news stories and magazine articles. Besides going to meetings, I have been gathering up all the literature I can find at the commercial display booths, notably in the horticultural and agricultural engineering buildings.



Dear me, Maggie hasn't watered her narcissus bulbs

As I have been bringing home these circulars of plant foods, spray materials, sprayers, dusters, pruning shears, garden tractors, and whatnot, the eyes of Master David and Mister Donald have been growing wider and wider. The circulars about the little tractors especially have fired their imagination. They want to see them, are full of talk about our buying one.

So this afternoon after school, I took them down to the campus. How their eyes popped when they actually saw those little tractors on display. They fiddled with them, pulled levers, asked questions. If there was a seat, they would climb up and pretend to drive.

"Daddy, can't we buy this one?" asked David. "No, that one over there is the one we need," said Donald. It took all my will power to stave them off.

We were fascinated too by a new, small sprayer. It is a bucket holding maybe ten gallons, mounted on a wheelbarrow-type frame with a rubber-tired wheel. But instead of a handle where boy-power can supply the force, it has a little gas motor installed that does the pumping. This little outfit is a dirt gardener's dream. So too was the duster I saw, with a revolving handle and fan to force out the dust.

Feb. 3 Downtown this afternoon and going by Livingston's seed store, I bethought me of an old song the college boys used to sing along about 1906, as I stopped in on general principles to gossip with Jud and Ray. That old song went, "At the bar, at the bar, where I smoked my first cigar; and the money in my pocket rolled away." Only I had a parody of it in my mind, as "At the store, at the store, where I bought a whole lot more; and the money in my pocket rolled away."

"Do you have your spring flower seed list all ready?" asked Ray. "No," says I, "but I want another 25 pounds of your bird food mixture. I'm feeding so many birds out home that it is going to break me up to keep them from going hungry."

Feb. 6 In the basement in overalls after I came home from the campus. Put salt in water softener and oiled pump. Kenneth was here playing with David, and along came Kenneth's daddy to take him home. He wanted to see me and came right down in the basement, where I was at work. Alas, I was ashamed. You never realize how dirty your basement is, until somebody comes to visit.

He is a heating and ventilating engineer. We talked about the relative merits of coal, oil, and gas as fuel; about gravity and forced-draft hot air systems; about insulating of roof. He has just finished insulating the attic of his own home and told me how much fuel it saved.

After he went, I spied the Paper White Narcissus bulbs that Maggie had planted in humus last month. Dear me—she hasn't been watering them. The green tips are drying. There don't seem to be any roots to speak of. I put on water and reflected that if they had been planted in pebbles or sand, as usual, they might be doing better. Or maybe dried up entirely.

Feb. 7 Once each February there comes one of those "Why go to Florida?" days. Dull clouds dissolve. [Turn to page 80]



"I gave the garage a valentine by cleaning it. What a job!"





Dad, why can't I have a room of my own?

HAVE you ever been asked a question like this? Have you ever wished you had *more room for living*? Have you hesitated to remodel because of the cost?

But do you know that the remodeling your family wants may *pay for itself* in reduced upkeep and operating expense?

In addition, remodeling can make your home worth more in 3 ways—in larger resale value, higher rent, more advantageous refinancing. For instance—

... a third bedroom added to a five-room

house may add as much as 10% to its value. ... an extra bedroom or another room may bring you \$10.00 a month more rent.

These facts are explained for you in a *new* book of interesting ideas, "How to Modernize and Make It Pay," just prepared by the United States Gypsum Company. It illustrates actual experiences of owners like you—shows how the comforts and conveniences you want may pay for themselves.

Besides all this valuable information on how to make remodeling pay—this book de-


scribes how USG Building Materials, products of research, make today's walls and ceilings better; how they add fire protection and comfort to older homes; how they aid owners in getting more for their money.

Get this *new* free book now. Just mail the coupon below or ask your local USG Dealer to secure a copy for you. He can help you plan your *remodeling* with nothing down and easy payments under the USG Monthly Payment Plan. USG materials are sold by leading lumber and material dealers.

UNITED STATES GYPSUM COMPANY



—where research develops better, safer building materials

SEE OUR GUARANTEE TO YOU . . .  . . . PAGE 89

UNITED STATES GYPSUM COMPANY
300 West Adams Street, Chicago, Illinois
Please send me free and without obligation
—"How to Modernize and Make It Pay."

Name.....

Address.....

City.....State.....BHG 2-40

Are you an expert on home buying?

Check the answers to these questions



Home of Garin Pederson, Port Chester, N.Y.
Werner Gottschalk, architect. Concrete foundation, walls, partitions and floors.

WHAT IS THE FASTEST-GROWING TYPE OF HOME CONSTRUCTION?

Ans. Concrete. Over 45,000 concrete houses built in the past four years are keeping their owners happy and proud.

WHAT TYPE OF CONSTRUCTION IS ADAPTED TO ALL ARCHITECTURAL STYLES?

Ans. Concrete. There are countless charming examples of concrete homes in Cape Cod, Modern, California Ranch House and other styles. What's more, you can have almost any color or surface texture you prefer.

IS FIRESAFE CONSTRUCTION EXPENSIVE?

Ans. Not if you choose concrete. It often costs no more than non-firesafe construction. At most, it will add only a few dollars to your monthly payments, but annual cost will be lower because of lower upkeep and high resale value. A concrete floor (any covering you desire) is your best protection against basement fires.

WHAT TYPE OF CONSTRUCTION GUARDS AGAINST HIGH UPKEEP?

Ans. You guessed it—concrete! It is proof against storm, dampness, termites and decay. Concrete's strength banishes the nuisances of sagging walls, creaky floors, sticking doors and windows.

WHAT AM I WAITING FOR?

Ans. Why not plan now to enjoy the beauty, low upkeep and year 'round comfort of a concrete home? You'll be money ahead! Write us for free booklet of concrete house design ideas.

HERE'S HOW TO GET A CONCRETE HOME

Ask a concrete contractor or concrete products manufacturer (see phone directory) for names of architects and builders experienced in concrete.

PORTLAND CEMENT ASSOCIATION

Dept. 2-9, 33 W. Grand Avenue, Chicago, Illinois

A national organization to improve and extend the uses of concrete... through scientific research and engineering field work.

TATTLE TALES

Typewriter Root

Tonic: So much has Britton Logan's typewriter been saturated with Vitamin B, verbiage, he swears it's growing roots. He's the fellow, you know, whose news about Cal Tech's Vitamin B, experiments excited a nation of garden-minded last fall, and who, with Walter Adams, assistant editor of *Better Homes & Gardens*, is adding more fuel to the fire, beginning on page 15 ("America Reports...").

Maybe it's all because he's such a fan gardener himself. For a long time he's wanted to trade his Los Angeles home for a spot of land big enough to hold all his plant experiments. Mrs. Logan has demurred—that is, until Vitamin B, came along, and with it a procession of door-bell ringers. She's willing to move into the valley behind Bel-Air. Logan, incidentally, thinks he finally has a yellow-flowering bedding begonia of the semperflorens type—something many a horticulturist has scoffed at. Logan's a California native.



H. Britton Logan, Jr.—It wasn't the rose, but the thorn, that inspired this expression

Millermania: Harlan Miller's ("The Man Next Door") request for Christmas cards begat a healthy response which included snapshot cards. He's now mounting them, he informs us, on a big board—so he can have his audience before him as he gleefully pounds out those devastating paragraphs. All you who sent him cards—read carefully. Is he looking at you?

Wander Bird Again: Many of you will remember "A Better Home at Sea" (*BH&G*, September, 1938, pages 28-29), and Warwick M. Tompkins' *Wander Bird* which has sailed the seven seas (or nearly) with an interesting family aboard, and whose skipper had written some books about it. At that time we had a little difficulty about the title of Tompkins' latest book, "Fifty South to Fifty South." Each informant came thru with a different title. Anyhow, Tompkins has just published another interesting book, you will be pleased to know—an account of a voyage around Cape Horn. The title is "Two Sailors," and the two sailors are *Commodore* and *Ann*, those delightful children you read about in "A Better Home at Sea." The book, profusely illustrated with photographs of the *Commodore* and *Ann*, is published by the Viking Press [\$2.50].

Written principally for youngsters, this is a book for children of all ages. It's an interesting and sometimes exciting way for landlubbers to learn the language and the life of sailing.

Needlepoint Dining-Room: If you'll watch the papers, chances are you'll see an announcement one of these days that one of your local stores is displaying some delightful miniature rooms. One of them will be an Early American dining-room, designed by Christine Holbrook, home-furnishings director of *Better Homes & Gardens*, and pictured at the bottom of the page. The rug, chair and bench pads, and the wall picture are all done in needlepoint known as the Continental stitch. Blue predominates in the color scheme.



Warwick M. Tompkins

THE PICTURE of the red-roofed, white village school was worked, under a magnifying glass, in the finest petit-point stitch—about 1,642 stitches to the square inch. Chair, bench pads, and rug, worked in grospoint, have about 100 stitches per inch.

Heirloom Needlework Guild



Miniature Early American dining-room designed by Christine Holbrook, one of several such rooms touring the nation's stores



TERRIFIC PICK-UP and power! From 15 to 50 MPH in less than 13 seconds, *high gear*—with the big Nash engine that delivers small car economy. New Fourth Speed Forward saves you up to 20% more on gasoline.



THROUGH A BLIZZARD in summer comfort; you ride coatless in Weather Eye conditioned air warmth. *Flash* starting on coldest mornings . . . with Nash's exclusive Manifold-Sealed engine.

GOODBYE-MR. WINTER

PICK OUT A DAY when a roaring Nor'easter has sent the last lone driver scuttling back home with frozen fingers.

Then see if it's true what Nash owners say! *that there isn't any winter any more!*

Out of the storm and up to your door will skim a car as sleek as the wind, so gay its dancing wheels hardly touch the snow.

You all pile in, from Granny down to the two-year-old . . . into seats as soft and deep as gossamer clouds. Then someone touches a magical dial—and presto!

It's May! Fresh, warm air that lets you shed coats down to your shirt sleeves . . . that brings back a springtime zest to go places! It's Nash Weather Eye magic—and lo, it's *fully automatic*. Your comfort always stays the same.

Toe the throttle—and you feel a terrific surge of power whisk the city away. Then, a *Fourth Speed*

Forward cuts in—and the country comes winging up.

Suddenly a snowbound straggler blocks the way, but you zoom by with the reserve pick-up of the automatic Overtake.

Outside the storm rolls on. But you can't feel its icy fingers . . . or hear the whine of the wind . . . or notice the frozen ruts below.

You sail along as *smooth and silent as Arrow-flight*.

Soon you'll be at that secluded pond where singing skates make gay music in the frozen air.

Let the rest of the world sit chattering by the radiator . . . let the almanac say snow—here in your Nash you know for a fact it's goodbye Mr. Winter—for good!

• • •

Why keep on "hibernating" half of every year . . . when many models of this amazing car are priced next to the lowest! Get in a Nash today and collect on year 'round fun!



SAFE AT NIGHT. Sealed Beam lights give glareless brilliance, 50% more power. Remember: Nash long life assures higher resale value. Dealers everywhere (over 1800) are ready to serve you.

Again... **NASH**
IT'S THAT NEW

FREE! 60 BUICKS

also \$6,000.00 IN CASH PRIZES

Each with 1000
Gallons of Texaco
FIRE-CHIEF Gasolin

6 Big
Weekly Contests

THESE PRIZES EACH WEEK

TEN 1940 BUICK 4-DOOR SEDANS

EACH WITH 1000 GALLONS OF TEXACO **FIRE-CHIEF** GASOLINE
PLUS \$50 WORTH OF SERVICE OR ACCESSORIES

ALSO 100 CASH PRIZES \$10 EACH

"Best Buy's Buick!"

Six dozen new features. Big, straight-eight engines, smoother than a wrist watch. Front wheels that "give" to the bumps. Coil springs all around that never need greasing. Smart, roomy, smooth and a full 107 hp. under its smart bonnet! A grand car and a grand prize!

The Special
MODEL 47

STANDARD EQUIPMENT—
CHOICE OF STANDARD COLORS

EASY!

JUST FINISH THIS SENTENCE IN 25 ADDITIONAL WORDS OR LESS

"I like Ivory Soap because..."



★ ★ **EXTRA** ★ ★
Special to Buick Winners

\$50 WORTH OF
FREE SERVICE OR
YOUR CHOICE OF
CAR ACCESSORIES

FOR CONTEST NEWS AND
PRIZE-WINNERS TUNE IN ON

RADIO

"The O'Neills," "Mary Marlin," "Life
in Be Beautiful" and "Against the
Orrm" Mondays through Fridays—
a newspaper for time and stations.

BUICKS!!! GASOLINE!!! CASH!!! CREDIT!!! Imagine winning a brand new beauty of a Buick, with 1000 gallons of Texaco Fire-Chief Gasoline—and \$50 worth of free service or car accessories. Why, you can run your Buick practically without cost for a year or two! And don't forget those 600 generous cash prizes! It's your golden opportunity of 1940! **660 PRIZES TO BE WON!** 6 separate weekly contests! Enter all six! Enter each contest as often as you like! Anyone may win these magnificent prizes—offered to get Ivory users to tell others what you like about pure gentle Ivory, serving so many American families in so many helpful ways. . .

FOR THE BABY—Ivory is so pure and gentle that doctors advise it even for bathing the sensitive skin of babies. Perhaps you yourself were an Ivory baby.

FOR COMPLEXIONS—Have you tried Baby's gentle Ivory for your own complexion care? According to a recent survey, more doctors advise Ivory for complexions than any other soap.

FOR BATHS—From Dad down to the youngest—everyone enjoys a refreshing Ivory bath. They like the way Ivory floats—always in sight—always within reach.

FOR WASHING DISHES—How kind Ivory is to your hands. Haven't you noticed that gentle Ivory in your dishpan helps you keep your hands smooth and nice? And it costs less than 1¢ a day for all your dishwashing.

★ ★ ★
SO MANY THINGS TO WRITE ABOUT IVORY! IT'S EASY! Just look at the sample sentences below. Of course you can write sentences as good or better. So start now! Send in your first entries today. Get everyone in the family to enter.

SEND IN YOUR
FIRST ENTRIES TODAY!
ENTER EACH WEEK!
WHAT A THRILL TO WIN
A BUICK!



"I like Ivory Soap because . . . it floats, makes a rich lather, doesn't rinse off easily, thereby adding tremendously to the comfort of a good warm bath."



"I like Ivory Soap because . . . my baby looks and smells so fresh and soothed after his Ivory bath, and Ivory cleanses with a gentle smoothness that leaves his skin soft."



"I like Ivory Soap because . . . for years it has done all my dishwashing safely and thoroughly and helped me keep my hands soft and smooth."

THESE SAMPLE SENTENCES MAY HELP YOU WIN . . . SAVE THEM!



99 14/100 PURE - IT FLOATS



YOUR FRIENDLY TEXACO DEALER SAYS: Texaco Dealers everywhere are ready to serve you with 1000 gallons of Texaco Fire-Chief Gasoline for quicker starts, smoother power . . . free for your winning car. We Texaco Dealers supply it in all 48 states, and offer you Circle Service . . . Courtesy from the Gentleman who serves you.



EASY RULES

1. Simply finish the sentence "I like Ivory Soap cause . . ." writing 25 additional words or less, on one side of a sheet of paper. Print or write name and address. Please send no extra letters, inks, or photographs with your entry.
2. You can enter these contests as often as you like, but each sentence must be accompanied by the name of one Large-Size cake and one Medium cake of Ivory Soap (or facsimiles). Mail to Ivory Dept. X, Box 25, Cincinnati, Ohio.
3. There will be six weekly contests, each with a late list of prizes. Opening and closing dates:

CONTEST	OPENING	CLOSING
First	Sun. Jan. 21 (or before)	Clos. Jan. 21
Second	Sun. Jan. 28	Sat. Fe. 1
Third	Sun. Feb. 4	Sat. Fe. 8
Fourth	Sun. Feb. 11	Sat. Fe. 15
Fifth	Sun. Feb. 18	Sat. Fe. 22
Sixth	Sun. Feb. 25	Sat. Mar. 1

4. Entries received before Sunday, January 21 will be entered in the first week's contest. Thereafter entries will be entered in each week's contest as received. Entries for the final week's contest must be marked before midnight, March 2, and must be received before March 15.
5. Entries will be judged for originality, sincerity, aptness of thought concerning the qualities of Ivory Soap. Decision of the judges will be final. Entries will not count extra. Duplicate entries awarded in case of ties. No entries returned. Entries and ideas therein become the property of Procter & Gamble.
6. Any resident of Continental United States, or the Dominion of Canada may compete, except players of Procter & Gamble, their advertising agencies and the families of these employees. Go subject to all regulations of the United States Prizes.

7. Prizes in each weekly contest are: 10 first prizes, 100 second prizes, 1000 third prizes, each with 1000 gallons Texaco Fire-Chief Gasoline and \$50.00 ticket for accessories and service; 100 second prize each \$10.00 cash. Buick winners in Canada and U.S. will receive cash equivalent in place of free gas.
8. Buick winners will be announced shortly after close of each contest over Ivory's radio program "The O'Neills" and "Mary Marlin"—coast-to-coast. Winners will be notified by mail.

Robert C. Dell



You sure he's been taking
that Vitamin B₁ I left him?

America Reports On Vitamin B₁

*Its exploits, its triumphs, its failures . . . what it is,
how it works, whom it works for . . . the story of the
best single garden development in years*

By Walter Adams and H. Britton Logan, Jr.

AND this, so help us, is the story of B₁, the vitamin that has produced five-inch rose buds, daffodils bigger than a salad plate, and daylilies with seven-foot flower stems. It's the story of how it works, what it does, and how, in less than a month, it became a biting, kicking new business and gardening's brightest and most discussed aid in years.

Upstairs the typewriters are still yammering. For three months now, seven and a half hours a day, 42 hours a week, they've yammered like distant machine guns, rattling out replies to more than sixty-five thousand letters about this strange, little-known white powder that burst from the pages of *Better Homes & Gardens* last October. Come now, what's the truth about it? Where can I get it? Will it kill the fish in my pool if I put it on my waterlilies? Does it help lawns? Cactus? Sweet Peas? Does an overdose hurt? Does it preserve cutflowers?

Letters. Questions. A thousand, fifteen hundred a day. Piled on desks. Piled in boxes. Piled in mailbags. Get two new girls to answer them. All right, get four, get six, get eight. Get them answered. Get them out of here.

And still the typewriters yammer. Not so fast now, only five, six, seven hundred a day. But letters, questions, answers. Vitamin B₁. What is it? How does it work? For heaven's sake, tell me more about it—I'm sick of telling customers I don't know, I don't know.

Out at the California Institute of Technology, too, the typewriters are still yammering. Yammering replies to twenty thousand more curious, puzzled, ga-ga, or

Apple-checked Anita Simpson holds two peppers → grown under identical conditions; the small one is the largest of the group not treated with B₁; the other the smallest of those watered weekly with B₁.

Fletcher Gould



disbelieving florists, seedsmen, nurserymen, and amateurs. They want the facts. Facts straight from the scientists who discovered that plants need vitamins too.

But the yammer of these typewriters is a poor measure of the hullabaloo B₁ set off. Newspapers, the Associated Press, florists' and seed-trade journals, radio networks, and advertising copy writers snatched it up. Oatmeal and dog-food manufacturers plugged harder than ever at the fact that their products are rich in Vitamin B₁. Even zwieback appeared on grocery shelves in a new label pointing out that zwieback contains so many units of Vitamin B₁ per slice.

DOZENS of new businesses mushroomed up to supply B₁ for plant use—established pharmaceutical houses with million-dollar trade names; little fellows with \$200 and get-rich-quick ideas; shabby, whisky gents shuffling from house to house thru Los Angeles with a gallon of ready-to-use B₁ in their hands. Little ads in newspapers, little ads in florists' magazines. Half-page ads in newspapers, a full-page ad in a national weekly. Powders, tablets, solutions. Amazing new discovery, unbelievable results. Grows the biggest plants in town. Special introductory offer. Pure crystalline B₁. B₁ with vital trace elements added. Plant-food tablets with B₁ added. Enough to make 30 gallons of solution, \$1. Enough to make 300 gallons, \$1. Enough to make 500 gallons, \$1.

Name your product, name your price. Somebody, somewhere, had it.

Libraries reported long waiting lists for the October issue. A West Coast B₁ distributor gleefully wrote, "So far we've been unable to use any form of advertising that hasn't proved an immediate success." Another from the Middlewest complained,

"I'm losing money. It takes all the profit we make selling the stuff to answer inquiries. They come by the hundreds."

Women's garden clubs began to buy B₁ wholesale and resell it to raise club funds. A San Francisco department store popped a four-column ad in the newspaper and climaxed it by offering enough vitamin to make 30 gallons of solution. For the first day alone mail-order sales went over \$400. And mail orders normally run anywhere from 5 to 17 percent of a day's business in department stores. Figure it out yourself.

But enough of that. What of B₁? What is it? How does it work? Is there something different in California's soil or climate that makes it useful only there? Will it work in New Jersey's sand, Missouri's gumbo, the florist's rich potting soil? Who is right—the Winnetka, Illinois, woman who bubbled, "I'm so excited and alarmed about B₁ that I can't wait any longer to report results! I'm afraid we'll be so smothered in house-plant greenery that I can't find my typewriter"? Or the Ashland, Kentucky, woman who snapped, "I see absolutely no results from B₁. My decision was and is that I've just been taken in again and that you are liable for using the mails to defraud?"

VITAMIN B₁ has figured in some strange and marvelous cases, undoubtedly. When we first heard from Dr. Frederick Bartlett, Washington, D. C., dental surgeon, we thought maybe he was just warming up for the annual contest of the famed Burlington, Wisconsin, Liars' Club. "I've been dabbling with the effects of vitamins on teeth for years and last year I began trying B₁ on plants. Last Monday morning I climbed a step-ladder up beside a 12-foot dahlia and cut a blossom 10 inches in diameter from a stem three feet long. It's in my office now."

But six weeks later, when we heard about Mrs. Chester A. Swift's doings in San Marino, California, we'd gotten so used to stories of this kind we didn't bat an eye. Mrs. Swift walked into the horticultural society meeting there November 16 with a small gardenia plant grown from a bud she'd plucked some weeks before from a corsage on her bosom. She'd tucked it into a flat of sand and leafmold and put B₁ to work on it, and there it was at the horticultural meeting with five leaves and a pack of roots as big as a baby's fist.

WE CAN go on telling you stories of this kind as long as you want to listen. In Lincoln, Nebraska, F. W. Misch, general manager of Smith-Dorsey, manufacturing pharmacists, got out a Christmas Cactus that had "shown no growth to speak of during the past two years" and watered it twice with B₁. It "doubled its size in a month." In Roanoke, Virginia, Mrs. Cash Shoaf put B₁ to work on a five-year-old Christmas Cactus that, tho large, had rarely bloomed. "Now," she wrote us a few days ago, "almost every tip has a bud."

In Pasadena last fall the Civic Center Garden Club grew some dahlias in sand with B₁ and a nutrient solution. At their November show members yanked them out, soaked the roots in concentrated B₁ and planted them in soil. Visitors gathered round, shook their heads, said it was crazy. Dahlias couldn't stand the shock. You'd see. The whole show became interested and people came back two, three, and four times to see the dahlias wilt. They didn't.

In Winnetka, Illinois, Maurine Shaw Holloway's philodendron in water looked healthy but hadn't grown for several months. She soaked the roots in concentrated B₁ for 15 minutes and then put the plant back in plain water. In two days new shoots popped out and in 10 days the main roots had shot out many hairy new feeding roots, and new leaves were coming out of stub ends of branches previously clipped back.

In Alhambra, California, a business-getting B₁ distributor sold a nurseryman the idea of using B₁ on his bedding plants. A week later the nurseryman called him up, swearing and threatening suit. "You've ruined the sale of my plants," he shouted. Only two and three inches high, the little plants were already in full bloom.

ON UP the coast in Tacoma, Washington, Vitamin B₁ helped get Hal Deering out of the trouble his wife got him into. She phoned him at work September 9. "Hal, I've just picked up the best bargain—seventy-five of the grandest rhododendrons. You ought to see them!" Deering saw plenty of them. Planting them took him two full days. And that was in September "when there was no rain in Tacoma and it was hot every day." By the end of the month, when he bought some vitamin, they were about done in. Thirty-eight of them he immediately watered with double-strength B₁, and once a week for the following six weeks he watered them with a normal solution. After three B₁

✦ Curious, skeptical visitors swarmed thru a Pasadena greenhouse known to be testing B₁, heard lectures, poked at test flats, demanded more about the amazing antics of the vitamin



waterings 36 of the 38 ceased dropping leaves. And in three more weeks they were thumping their chests as tho never moved. The other two went into the winter looking pretty bad. And what of the 37 he gave no B₁, only plain water? Fifteen look quite healthy, four are dead, and 18 went into the winter "looking plenty sick."

BUT we needn't go on reeling off these B₁ triumphs. They're no measure at all of the vitamin's plant-growing helpfulness if they're only isolated cases. What of the Ohio State University scientist who arose at the New Jersey florists' convention to say that adding B₁ to the nutrient solution used in their gravel-culture work had no observable effect whatever? What of the big Pennsylvania seed farm that, in its first six weeks' B₁ tests, failed to find any difference between foliage, buds, flowers, and root systems of the treated and untreated plants? And what, for that matter, of the potted plants we've played with for two months in our own office windows? All we've discovered is our talent for raising the best crop of mealy bugs you ever saw.

California, Pasadena in particular, is packed with amateurs experimenting with every imaginable form of chemical plant-feeding. You get one of them good and mad by charging that West Coast experiences haven't been repeated in the East and he'll quickly enough scorch you with one explanation—that West Coast experimenters are so far ahead of others in these matters that it looks like a race with all but one horse in reverse.

YOU take that explanation for what it seems worth. If you don't like it, there are several others. First is that the use of Vitamin B₁ on plants is so new it still keeps its pants up with safety pins, that it'll take a lot of work before anyone knows what it'll do on all plants in all soils and climates. Cal-Tech scientists are quick to point that out. Already established, tho, is the role of B₁ in plant growth. Most plants themselves form it, primarily in the green leaves. Once formed, it's sent to the roots. Roots need it for growth. Scientists have repeatedly shown this in laboratory experiments in which they cut tips of young roots from plants and put them in a solution of sugar and nutrient salts. Unless B₁ is added, these isolated tips won't grow. It's as simple as that. And in your garden it's just as simple. With an adequate supply of B₁, roots can thrive. Without it they can't.

NOW here's the rub. Tho most plants make B₁ in their leaves, most of them don't make enough for optimum root growth. So if you add B₁ to the soil around the roots of these plants that are deficient, you invigorate them. And vigorous, husky roots mean vigorous, husky plants.

Over a period of one year's work at Cal-Tech on plant species in sand cultures—plants in sterile sand fed with nutrient solutions—B₁-treated plants averaged 75 percent more growth than the untreated controls. Quarter-inch flax roots in nutrients and B₁ grew eight inches a week for many weeks.

What B₁ does is make roots grow. It cannot substitute for light, water, drainage, or the regular plant foods. It's what scientists call a micro-food.

[Turn to page 78



On vitamin-treated primroses grown from seed by Pasadena garden club, area of leaf surface was quadrupled



These one-year-old gardenias owned by Lewis Downes, Pasadena, were once the same size. One on left got B₁



Begonia on left received B₁ weekly for 12 weeks. Other received nutrient solution twice, cottonseed meal, no B₁



Eleven-month-old camellias rooted at same time—equal in size and number of leaves. Left one had B₁, has bloomed



Dendrobium Orchids growing in sterile gravel and fed with nutrient solution. But plant on the left also received B₁



In gravel and nutrient solution these Moth Orchids were same a year ago, but one on left has had B₁ 11 months



English Primroses 30 days after transplanting. Plant on left was B₁-treated



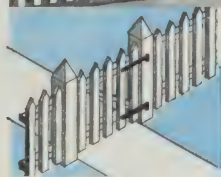
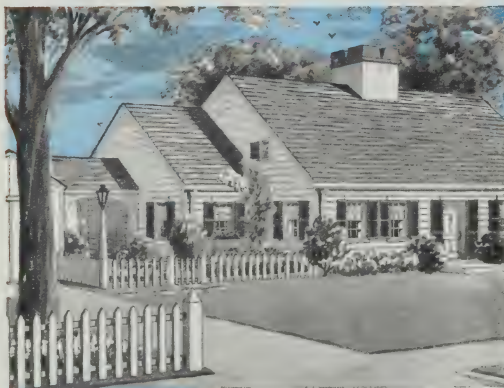
Both the size of the center cutting seven months ago, these orchids again

WHERE AND HOW TO BUILD YOUR

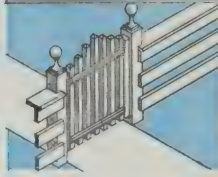
Fence

By Carl Sigman

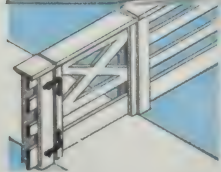
Drawings by Sigman-Ward



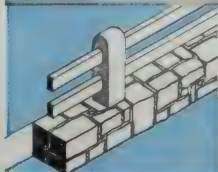
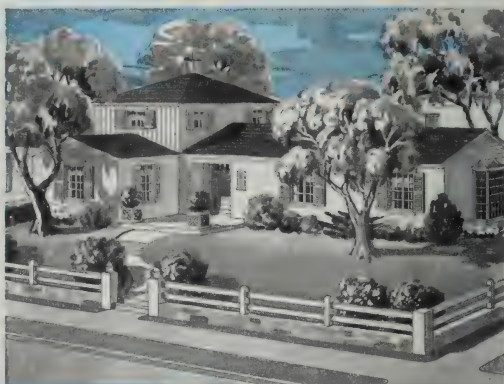
Picket fences are good with most any type of Colonial house. Cape Cod folk often left their yards unguarded, but close to their houses they had tiny gardens protected by picket fences—low fences, not over 30 inches high. Space between pickets in this type shouldn't be wider than the pickets themselves, or fence won't look right.



If yours is a big grounds or rather woody or rural site, the rail fence is unusually good, as sketched here in Maryland. For slightly cheaper construction omit the coping rail along the top and extend the posts, peaked as in the picket fence, above the top rail. The gate, too, might be just a binged continuation of the rails.



This four-rail style, usually white-washed, was a favorite around well-kept Pennsylvania homes two centuries ago, still is today. Set fence posts in concrete or impregnate underground portions with creosote. Most raw woods in earth decay rapidly. For fencing garden sections, use more delicate lath or lattice fences.



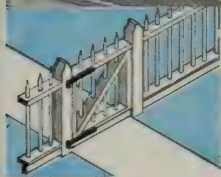
Fences encompassing low, rambling houses should be low and horizontal to conform. A low stone fence topped with two rails looks even lower than rails without the stone. For formal houses like brick Georgian there are many types of iron fences, often of simple design with small square pickets and rails set on a low brick wall.

WE CAN'T tell you, in words, what the right fence can do for your home. You have to see it. You have to stroll past the iron fences along a shady old Charleston street. You have to see a low white picket fence around a dooryard garden along the Cape. You have to drive between low stone fences along a country lane north of Boston. It's then that you feel it—that intangible charm that's yours for building the right fence.

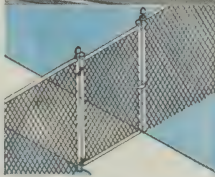
We needn't go into the utilitarian value of a fence—how it marks boundaries, gives you privacy, and keeps dogs and little boys out and dogs and little boys in, safe from the

fast-rolling wheels of the automobile. Just remember in choosing your style that it must repeat the character and scale of the house and setting—no rustic rail fence around a formal Georgian house, no dainty lattice around a site wooded with oaks. Remember that and you'll do all right.

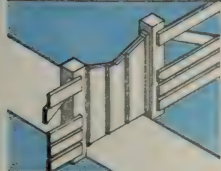
Redwood, cypress, and cedar are the longest-lasting woods for fences, are particularly good for posts. But all woods set underground should be creosote-dipped to prevent insect attack. And even above ground the faster-rotting woods like yellow pine should be kept well painted or stained with a creosote shingle stain to preserve them.



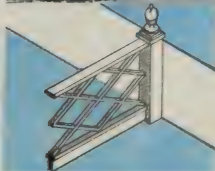
A quiet, shady, town street, a forthright Colonial house, an unadorned picket fence—you've a combination hard to beat here. Posts, rails, and slender pickets are wood. Slightly more formal picket fences are made with iron pickets and rails set in brick posts. Give all parts of a wood fence a priming coat before setting



This heavy chain-link fence, with posts and top rail of tubular steel, is attractive and inconspicuous, keeps intruders out, and absolutely keeps children and pets away from dashing automobiles. It makes a good trellis for vines and climbing plants, or can be softened with shrubby plants. The heavy wire doesn't sag or bow out



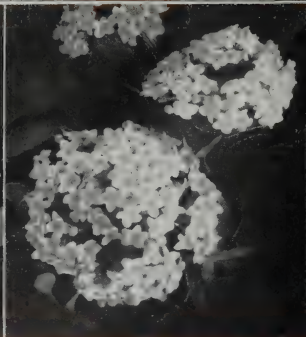
Much Modern architecture is but an adaptation of an Early American type, so a modernized early rail fence which repeats the horizontal lines of the house is quite in keeping. Creosote shingle stain is particularly good on fences partly overgrown with shrubbery, for it retards development of fungi and other decay producers



Often fence designs are suggested by architectural details of your house. Here in Florida the fence repeats the decorative crisscross of the second-floor porch railing, thus bringing harmony of design to the house and garden. Iron fences are especially good with the Spanish type of architecture but are good on most any city home too



Compact, horizontal-growing *Euonymus alatus compactus*



White-flowered *Viburnum burkwoodi*—almost evergreen in North



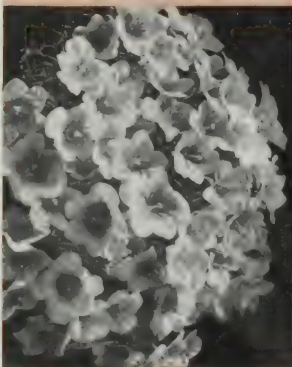
Delphinium Pacific Giant is a remarkable strain with strong stems



Prolific, brilliant orange *Zinnia linearis*—for edging shrub beds



Camellia chandleri elegans is lovely in the South and West



Nierembergia hippomanica is an outstanding edging annual



Chinese Hibiscus—most popular of shrubs for Florida and California

Best for 1940 . . . chosen for you

by a jury of experts whose opinion you respect . . . annuals, perennials, shrubs, evergreens . . . for the East, Midwest, South, West

By Alfred C. Hottes,

Garden Editor, Better Homes & Gardens



Courtesy Armstrong Nurseries

amateur gardener, consider the dwarf cupflower, *Nierembergia hippomanica*, an annual admirably adapted to the South but equally successful thruout the North and West. Its lovely blue saucer-shaped flowers have an enduring quality during the warm months. Seeds sown in early summer give a generous supply of blooms, for, like the admirable Sweet Alyssum, its flowers start to open when the plants are very young. It's an excellent edging plant and useful in rock gardens. It's one of the best of recent productions.

Double Victorious Petunia*: For years plant-breeders have tried to produce a strain of double petunias which breeds perfectly true and produces no singles. At last this strain is on the market. Alfred Putz, Philadelphia expert on annuals, considers it the crowning achievement of the plant-breeders. Double Victorious Petunias are now available in separate colors, and altho the flowers aren't as large as some of the other sorts, they're abundant. They're resistant to heat and drouth and continue in bloom thru midsummer until frost.

Zinnia Super Crown O'Gold Pastel*: Once shunned by the fastidious, the zinnia is now given a prominent position in all gardens of the country. Opal Scarborough, secretary of the Southern California Horticultural Institute, and Schuyler Arnold, New York State grower, write that where people have been demanding bright colors in zinnias they're now turning to pastel tints. Super Crown O'Gold Pastel, comparatively new, is very popular thruout the West; the colors are indeed lovely and each petal is two-toned, giving the flowers a glow.

WHO can name the best plants for 1940? Not one man, surely. Perhaps not a dozen, nor even two dozen. But two dozen will come a lot closer. They won't carry the regional prejudices of one person.

So we've asked a committee of experts whose judgment we respect to pick these most outstanding things for 1940 to add zest to your regular garden plantings. They've made their choice from among the recent introductions. Some are new this year. Some aren't. But it's the plant and not the year that matters.

They've picked a cupflower, a petunia,

two zinnias, a morning-glory, a hollyhock, two marigolds, a snapdragon. They've picked a chrysanthemum that stands 20 below zero and has no bugs, a liriopse that's unexcelled for edging, an Oriental Poppy that's half pure white, half flame orange. They've picked some shrubs and evergreens. You'll like their choices.

Outstanding Annuals

Cupflower*: Both Peter D. Nielsen, editor of our southern "Outdoor Gardening Guide," and Perrine Dixon, New Orleans

*Pictured on these two pages or pages 86 or 88.



Liddleia Charming—a new deep lavender-pink butterfly bush



The new **Oriental Poppy Snowflake** is flame orange with a white center



Indian Spring Hollyhock, truly annual, blooms 5 months from seed



Anemone pulsatilla grandis is an exquisite spring perennial

Zinnia linearis*: This zinnia, another which has come to the front in the last few years, is a native of Mexico, yet it was in Australia that a California plant-breeder first saw it and realized its value as a border and bedding plant. Unlike other zinnias, it's not good for cutting because the blooms wilt quickly. But the two-foot plant is much branched and makes a solid border of bloom. Individual flowers are less than an inch in diameter but are borne so freely they practically hide the foliage with brilliant orange. Upon close inspection, one notices a prominent broad stripe of golden yellow running lengthwise thru the center of each petal.

Lavender Rosette Dwarf Morning-glory: One of the most outstanding annuals from North Africa by way of Holland is this dwarf morning-glory which produces a rosette of 1¼-inch blue flowers with white throats veined dark blue. The plant grows only 6 inches tall. Schuyler Arnold considers it an ideal low border plant for edging where it serves the same purpose as the edging Lobelia or the dwarf ageratum. A solid bed of this new morning-glory would be a beautiful carpet and it should be wonderful for the rock garden. It seems to tolerate hot, dry, hard ground thru-out midsummer.

Indian Spring Annual Hollyhock*: This annual hollyhock is proclaimed one of the outstanding productions. Depending upon soil fertility, the plants grow from 4 to 5 feet tall, flowering within 5 months after sowing. They don't branch, which could hardly be expected in such a short time. The strong, straight stems, the deeply cut foliage, and the large showy semi-double pink flowers commend this hollyhock to gardens thru-out the entire United States, says Mr. Putz.

Flaming Fire Marigold: The list of new marigolds is becoming so extensive that even professional gardeners have trouble keeping up with them, but Marigold Flaming Fire is so different that it stands out. Mr. Putz considers this a real treasure. Flowers aren't large, but the color patterns in rich yellow and deep maroon-crimson captivate the eye. No two flowers are alike. Even on a single plant there's an interesting range of varicolored flowers. The plants grow 3 feet tall and bloom continually from midsummer until frost.

Limelight Marigold: A bronze medal goes to this marigold, of an entirely new color, which may be described as pale crimson or deep cream. It is the chrysanthemum-flower type, blooms early, is free-flowering and of uniform growth.

Rosalie Snapdragon: This snapdragon's topaz-rose or intense rose-pink with a deeper center caused

it to win a bronze medal in competition with many other snapdragons in 1939. Plants are rust-resistant, tall, and strong-growing. Large flowers are well placed on a central spike, while from 10 to 30 lateral spikes also produce excellent flowers.

Heavenly Blue Scabiosa: Most annual scabiosas have been tall and lanky but this new one has a rounded bush form less than 2 feet tall and produces a profusion of azure blue flowers which are fully double and very high-crowned.

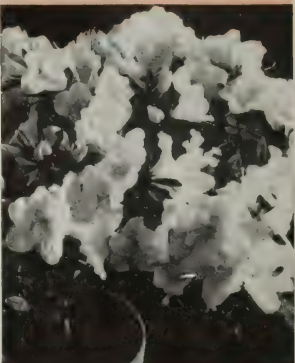
Lavatera Loveliness*: Blooming during that part of the summer when good pink flowers are scarce, this lavatera, related to the mallows, bears clear salmon-pink flowers measuring 2½ inches across. From two to five open on a stem at one time. Schuyler Arnold writes, "It's always one of the most admired by my friends when they see it in vases in the house either by itself or mixed with other flowers. The plant is just the right height—about 24 to 30 inches. The seed can be sown outdoors in the middle of May, in which case the flowers appear in July and continue until September. It's a plant which should succeed with the beginning gardener because the seed is large and soon roots, and it's not bothered by insects and disease. Insist on the variety Loveliness, as there are many other strains and varieties, but none is as beautiful. The photograph of it, shown on page 88, was taken at the end of one of our longest, hottest summers of severe drouth, and the garden wasn't watered."

Brand-New Perennials

Chrysanthemums: Amateurs are disgusted with the old type of chrysanthemum which is grown year after year, buds freely, and then freezes before one sees the true beauty of the bloom. So breeders have started to work, and recently we've had a number of outstanding new things produced. For instance, there's Clara Curtis,* which J. J. Grullemans, Ohio plant expert, describes as "the only worthwhile flower in a nursery during hot, dry August and September." It's a lovely Paul Neyron Rose color with an additional touch of salmon. The plants bloom late in August and continue thru September until the middle of October. It has stood 20 below zero and seems to have no bugs. What more could we ask of any mum?

Another outstanding early mum, a favorite of Clifford Corliss, Massachusetts nurseryman, is known as Sunny Boy* and is a yellow sort of early bronze, growing 2 feet tall and covered with large pompon blooms. It's hardy even at zero.

Pasqueflower*: Among those fascinating and easily grown rock plants is the native *Anemone pulsatilla* and its varieties, and [Turn to page 86



Kurume Azaleas are captivating our garden-lovers nationwide



Hemerocallis Hyperion, fine lemon; each stem bears 10 flowers



A hardy new mum is rose, Anemone pulsatilla grandis



Hedrich-Blessing Carson Pirie Scott & Co.

THE *Finishing Touches*

Corner of Mother's private sitting-room? Daughter's room? Convertible den and guest room? It could be any. Accessories make this room. It's faintly Victorian blended with American Colonial and Eighteenth-Century English. The rug is a deep, soft blue; woodwork white; satin-striped wallpaper creamy off-white; inside of bookcases deep plum. Background of draperies and studio couch slip-cover is blue, the lace pattern a creamy beige, rose clusters deep pink. Tiny polkadots on the corn-yellow chair are echoed in the lamp shade. The chair's deep rope-fringe adds luxury. A solid brass lamp with reflector bowl gives reading light, its crystal oil pot replacing brass. Desk accessories: dusty pink painted tin, wastebasket to match



asms that count in making the selection.

What sort of accessories? That depends much more on what your room needs most to raise its spirits and add to its delightfulness than on the precise Period of its furnishings. A dash of Old World flavor gives a savory mellowness to the New World spirit of Modern. In reverse, the Modern touch in accessories not only blends with an Eighteenth-Century room but gives a new zest.

It would seem, then, that you could practically write your own ticket in accessories. But again that familiar word, "consistency," crops up. By that we mean grouping together things that belong with each other in feeling, even tho not in period and nationality. The forms, lines, colors, and textures of peasant pieces seem most at home in

simple, unpretentious settings, perhaps in Early-American surroundings. Modern accessories are more sophisticated, so are happiest with highly styled periods such as Regency.

Consider the poor males of the family and restrict your passion for frills and feminine furbelows, if you're thus addicted, to your own bedroom pieces. Elsewhere a little cross-roughing of all tastes will balance the picture and keep everyone content.

If you still cherish a stuffed fish over the dining-room buffet because Uncle Henry caught it and you loved Uncle Henry, there's nothing more to be said. But personally I'm "agin" sentimentality if it ruins an otherwise lovely room. Some things we've inherited are well deserving of places of honor in our homes. But if, because of sentiment, we keep things that jar us out of our rooms, we're softies!

MOST of us make the mistake of having too many accessories. Every one of them may be exquisite, but piled up on one another they lose their individuality in the muddle. Don't be afraid of leaving breathing spaces. They intensify the beauty of the things you have and give your eyes a much needed rest.

In our articles on color in September and October we suggested for the background areas of our rooms (the walls, floors, and ceilings) the most muted tones of our color scheme. To the furniture and draperies we allotted relatively stronger hues. And now our accessories arrive with the most brilliant notes. We rely on these dashes of strong color for vibrancy, contrast, and color shock to keep our interest at peak. [Turn to page 58

Carson Pirie Scott, Rudolph Wurlitzer



Against powder-blue wallpaper traced with a lacy white pattern this exquisitely simple or a gold-framed mirror repeats the loveliness of clear yellow curtains and skillfully chosen accessories, doubling the beauty of the room as only a well-placed mirror can

Falk Nurre Companies



No. 5 of a series of
6 articles on home-
decorating problems

THAT COUNT

By Florence Terhune



Here, in the top photograph, is an eye-pleasing way to give your home "foundation" and more closely to unite its wing to the main body: use a well-planted brick wall like this one across the front of the A. R. Grinnell Home on Hickory Lane. Rear view of the same home shows you how you can increase the height of outer walls to gain second-floor headroom without making your home look awkwardly high: use a 30-inch band of flush boarding surmounting shingle siding on the front and the rear



Homes in planned communities are too often stereotyped, as if they had all rolled off one assembly line. But not Hickory Lane. There, too, each has undeniable Colonial ancestry, each, too, has distinct personality. Compare the George Highberg home below with the others. Note how the transition from brick to shingles is neatly carried out with corner pilasters



Highlights of Hickory Lane

By Kenneth Edmunds

Here are some plans you'll like, because Hickory Lane, thanks to Architect Walter Crabtree, Jr., is an achievement in community planning and fine home design

HICKORY LANE . . . community planning . . . Colonial houses . . . alike yet different. . . "That's the way the description reads.

So I go down to West Hartford, Connecticut, to hunt up this Hickory Lane. On my way I think, "Bet they found their problem a hard nut to crack."

Haven't I seen community planning tried out in Britain and Sweden? Apparently there's something subtle and elusive about doing a whole street or two of homes. It usually doesn't come out right. They jell the houses in the same mold. And the houses pall on the palate, get garnished with too

many sprigs, or get seasoned with too much all-spice picturesqueness. Hard problem, community planning.

Better ask the way. . . . Turn right next corner, he said, then straight for four blocks.

And there I am, on Hickory Lane itself. Right off I knew they had cracked the nut.

Hickory Lane Well-Bred: Hickory Lane rises toward the west in a gentle serpentine curve. A hundred yards from the lower end a short spur of another lane enters. Sparkling houses grow from broad, well-groomed lawns. A few large trees flank the road; behind the houses many interlace to form a

solid green background. The homes have undeniable Colonial ancestry but have been reared and influenced by economy and the latest improvements in materials and equipment. They are "alike yet different." They're akin in that they create a sense of being neighborly, friendly, and harmonious. Yet they have individuality—not the brand which blows horns but the kind which shows good breeding quietly.

"Who's responsible for all this good planning?" I ask. And they tell me, pride in their voices, "Architect Walter Crabtree, Jr., he's the man."

The main quality you remember about Hickory Lane is its complete friendliness. The garage drives make faint demarcations, front lawns aren't divided by fences or hedges. Neither are rear gardens. Each home establishes its own realm of influence by its own color scheme and planting, but none strives to out-strut any other. It warms your heart to see how a number of homes have pooled the natural resources of a pleasant acreage, given it to one capable individual to develop in the most agreeable yet economical manner, and have profited individually and collectively. [Turn to page 56]

Photographs by Richard Averill Smith



◆ Hickory Lane is neighborly. No fences or hedges rise up to mark off the boundaries of each man's domain. Each lawn and garden flows smoothly into the next in a friendly, communal way, as with the Stanley Dimock home place here

Here's an idea for you to adopt—paneling the fireplace wall with vertical planks, then repeating this paneling in other rooms. You see it used here on the stairway thru the door, and again on the wall in the bedroom pictured on page 56



Here's an Idea!

REG. U. S. PAT. OFF.

FOR VARIETY, TRY- - -

1—twin chairs, smartly upholstered or slip-covered, at each end of your dining-room table. They will not only give more comfort, more color, but they'll put an end to that wooden-Indian look that's the bane of most of our dining-rooms

2—the dresser and chest of your bedroom suite placed cheek to cheek, not on opposite walls. It makes the room less crowded, lets one mirror serve both pieces, simplifies the lighting problem, and gives a modern touch to your room

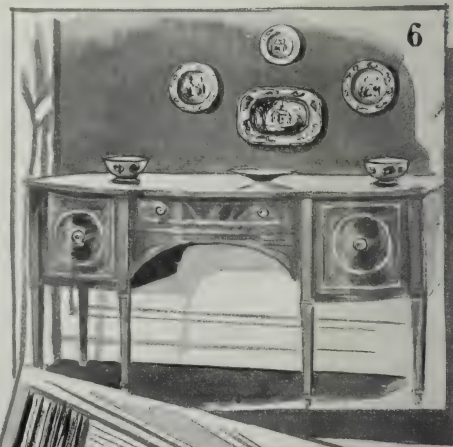
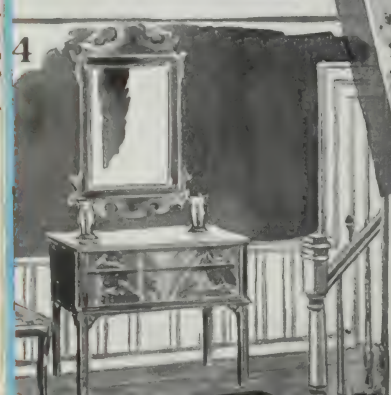
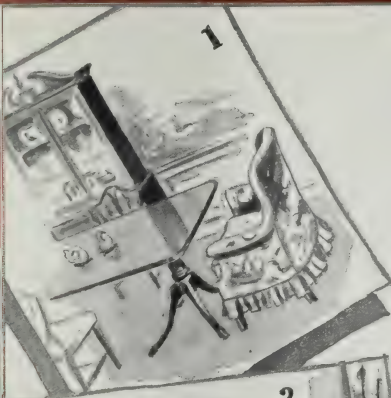
3—an asymmetric arrangement (lopsided, to you) on your mantel. Let a bowl of flowers at one end balance a pair of figurines at the other. Banish that dull one-two-three effect of candlestick-bouquet-candlestick. Keep your ornaments related

4—moving the serving table from the dining-room—where it's probably loafing—out into the hall for use as a console table. It should fit the small space neatly, and it offers drawer space for the storage of gloves and last-minute things

5—frosty white voile or loosely woven textured fabrics looped thru big rings for clever curtaining. Either gives you that sweeping line that lends a flavor of luxury to the simplest materials, and you can buy these curtain rings already made

6—old willow-ware plates hung over your sideboard in place of the conventional mirror. Here's just the chance to show off your treasured heirlooms and to add to your room that important personal touch that means real distinction

7—a single straight drapery at one side of a too-wide window. Then balance it by a desk or a writing table where the second curtain would have been—a great idea for giving plenty of light on your desk and an original touch for your room



*Hughes
Rheys*



How Smart Are You?

Here's a quiz that tests your decorating knowledge

By Carl Maas



WE HUMANS are the most inconsistent creatures! Remember how we used to struggle and stew over "exams" back in school, shuddering at the very thought of a question mark? Yet today we gleefully gobble up every radio and magazine "quiz" that comes out, and smack our lips for more. We stop dances for them, break up bridge games, leave the dishes in the sink.

So here we come with a quiz of our own for your delectation. Naturally it's on the subject closest to our hearts and yours—your home. Just to make sure each question

is a real brain-teaser, but not tricky nor too tough, we've already tried them out on a sample group of *Better Homes & Gardens* readers who assure us they're just what we figured they'd be—a real test of whether they've been reading *Better Homes & Gardens* with both eyes open. When a question stumped them, the answers (beginning on page 68) filled in the weak spot in their decorating knowledge. No cash prizes—but no matter what your tally, we believe you'll gain a worthwhile prize in the wider understanding of how to solve your own home-

decorating problems with ready precision.

There are 20 questions. Count each one you miss as a minus four. When you finish, total your misses and subtract from 100. (Answers will be found on page 68.) That's your score, and our friends tell us that if it's 70 or over you can count yourself a pretty smart decorator.

So in the parlance of the Midway—"Step right up, Ladies and Gentlemen. Test your minds, test your memories, test your wits. It's fun, it's astonishing, it's educational. Step up and check your answers!"

PERIODS

1 Chippendale, Sheraton, and Hepplewhite share fame because each:

- ☐ used mahogany only?
- ☐ made furniture for George III?
- ☐ was a fine wood-carver?
- ☐ made original chair designs?

2 Furniture of the rococo style combines best with:

- ☐ Swedish Modern furniture?
- ☐ Colonial maple furniture?
- ☐ Jacobean oak furniture?
- ☐ Chippendale furniture?

3 Which one of the following types of chairs was invented in America?

- ☐ Windsor?
- ☐ Ladder-back?
- ☐ Wing?
- ☐ Rocker?

4 Duncan Phyfe's best-known carved motif is:

- ☐ Rose?
- ☐ Lyre?
- ☐ Three feathers?
- ☐ Swag drapery?

COLOR

5 Which of these wall colors would you consider most suitable for a bedroom with a southeastern exposure:

- ☐ Clear lemon yellow?
- ☐ White?
- ☐ Pale gray blue?
- ☐ Pink?

6 Which of these is most effective in bringing out the rich color of mahogany?

- ☐ Dove gray?
- ☐ Golden yellow?
- ☐ Apple green?
- ☐ Warm beige?

7 Which of these colors has been proved to have the highest light-reflecting quality?

- ☐ Canary yellow?
- ☐ Shell pink?
- ☐ White?
- ☐ Silver gray?

8 Green is frequently used as a wall color because it:

- ☐ reflects light?
- ☐ is cheerful and stimulating?
- ☐ is neutralizing?
- ☐ is best liked of all colors?

FABRICS

9 Toile de Jouy is the name of:

- ☐ a weave?
- ☐ printed linen?
- ☐ a town in France?
- ☐ a type of printed cotton?

10 A diaper pattern means:

- ☐ an all-over design?
- ☐ a triangular shape?
- ☐ a single motif which is not repeated?
- ☐ an irregular streaked effect?

11 Which of the following fabrics is most suitable for a Queen Anne sofa?

- ☐ glazed chintz?
- ☐ satin?
- ☐ broche?
- ☐ damask?

12 Frieze, plush, velour, and velvet are all:

- ☐ made of silk?
- ☐ pile fabrics?
- ☐ cut pile fabrics?
- ☐ without surface patterns?

FLOORS

13 An all-over carpet makes a room seem:

- ☐ smaller?
- ☐ larger?
- ☐ higher?
- ☐ more homelike?

14 Linoleum is partly made of:

- ☐ ground rubber?
- ☐ pressed paper?
- ☐ ground cork?
- ☐ mastic?

15 Oriental rugs are most suitable for rooms decorated in:

- ☐ the Georgian style?
- ☐ the Regency style?
- ☐ the Louis XV style?
- ☐ the Empire style?

16 Random-width floors or irregularly set floors are frequently used in:

- ☐ Colonial rooms?
- ☐ Formal rooms?
- ☐ Adam rooms?
- ☐ Modern rooms?

ACCESSORIES

17 A popular type of American pressed glass frequently reproduced today is:

- ☐ Stiegel glass?
- ☐ Sandwich glass?
- ☐ Intaglio glass?
- ☐ Waterford glass?

18 Poor man's silver is a term that was once applied to:

- ☐ cast iron?
- ☐ aluminum?
- ☐ chromium?
- ☐ pewter?

19 Toile is a term for:

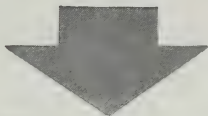
- ☐ a kind of china?
- ☐ painted tin objects?
- ☐ polychromed wrought iron?
- ☐ a lamp?

20 Chinese porcelain combines best with:

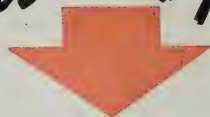
- ☐ Chippendale furniture?
- ☐ Louis XVI furniture?
- ☐ Colonial maple furniture?
- ☐ Empire furniture?

YOU'RE RIGHT—IT'S WRONG!

this is Right



By Helen Weigel Brown



WRONG The sofa grouping is the most important one in any room, particularly if it's a small room, as this one is, with its maple furnishings. But here several features detract from the charm and comfort. The little lamp is quaint and probably authentic Colonial, but it's completely inefficient as a reading lamp. The smoker, with the milking-stool base, is a pleasant enough piece, but it serves only one purpose, and that rather awkwardly, here. And the picture, nice as it is, is too small for the wall space, and is hung too high, as well. Also bad is the unbalanced end-table arrangement.



RIGHT Three substitutions make this a comfortable, inviting, and decorative group for conversation or reading: a pair of good reading lamps; a mirror that not only fills the wall space better than the picture, but gives a feeling of spaciousness by reflecting the other side of the room, and is so convenient in a small home that has no entrance hall with mirror; third, that generously sized dropleaf table that replaces the milking-stool smoker offers plenty of room for magazines and smoking paraphernalia, serving both the sofa and chair, and adding space for personal touches.



WRONG Three features manage very successfully to make this just another bedroom, when it deserves to be a really charming scene. The spread, altho a perfectly good one in itself, for some rooms, is too heavy and informal looking on the graceful French Provincial bed, and is way too short on the sides to boot. The rectangular picture is completely out of line and feeling with the curves of the head of the bed; and the all-purpose, all-dominating lamp—no beauty—lighting only one side well, is too weighty for the other furnishings and unhandy to the bedside table.



RIGHT But see how application of a few simple decorating principles transforms this setting! The spread, inexpensive yet certainly appropriate, dramatizes the feminine curves of the bed with deep saten scalloping over bouffant batiste flounces. Delicately toned oval, water-color prints follow the bed's curves, both in shape and the way they are hung. Bedside lamps, on twin night stands, give better reading light to each side of the bed (they've been specially equipped with reflector bowls for practical comfort to the eyes) and form pleasing decorative balance in the room.

MAYBE you think the so-called "rules" of interior decoration are just private inventions of the decorators to make it hard for the rest of us. Maybe you've a suspicion that all their talk about harmony and balance, period and design is a lot of mumbo-jumbo aimed at throwing us non-professionals into a dither of confusion. But actually, to get right down to it, the decorators have something there, and it's mostly good common sense.

With the enthusiastic co-operation of Barker Brothers, Los Angeles home-furnishers, this series of "wrong" and "right"

pictures was made to demonstrate this very fact. They prove pretty conclusively, we think, that there's nothing deeply technical or complicated about achieving a charming and interesting home; that the difference between a mousey room and one that scintillates is quite often the difference between an unimaginative treatment and one with an idea in it. And they *might* possibly prove that even you, little woman, are de-glamourizing many a setting with poor arrangement, ruining a dining-room with uninspired accessories, or hiding a piano under a Spanish shawl!



WRONG Don't look now, but haven't you met this dining-room repeatedly? Stuffy is the word for it, and these are the features that make it so: the ubiquitous table decorations; fussy lace runners; the small pictures lost against the busy wallpaper; the ancient, artificial grapes on the serving table. And why not push two chairs against the wall, so their lines and the table's can be seen and appreciated? Why all the china placed together in its cabinet; why huddle the crystal? Minor changes can make this a younger, more interesting room, as all our dining-rooms should be.



RIGHT Isn't there a lot more distinction here? Certainly the buffet gains interest with its graceful candlesticks, china tureen, and heroic-sized water-color painting. With decorations simplified, the table's mahogany may be seen at its best. (Felt circles, glued to the bottoms of accessories, prevent scratches.) Rearrangement of the china and glassware in a more interesting and decorative way, plus a pair of prints with dark red mats, points up the china cabinet, and the server is freed of its knickknacks. Note how the chair placement now allows the nice table base to be viewed.

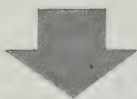


WRONG A handsome little piano, but everything in its setting conspires to dwarf its size and importance in the room: the wing chair that is too large in proportion to it; the too large lamp placed on the piano top and therefore bound to vibrate somewhat with the crescendo of the music playing; the thoroughly unimaginative and uninspiring picture treatment above the piano. In addition, the piano bench and wing chair manage to do a beautiful job of blocking the entrance to the room. It's a stiff arrangement to fill what might be an interesting wall space. Now look to the right. . .



RIGHT Here our little piano takes on big importance thru three simple changes: substitution of a small tole floor lamp in which a high-powered bulb gives illumination; a pair of distinctive side chairs (simple saten slip-covered dining chairs dressed up with brush fringe in dark terracotta color—you can do it, too); and a dozen interesting prints taken from a Luther Burbank book (acquired in a second-hand store for 50c). One of the side chairs will be pulled around to serve nicely as piano bench, and you have a grouping quite equal to filling any large expanse of wall space.

You're Right—It's Wrong! This Is Right



WRONG Question: What two changes would definitely improve this arrangement? The drop-leaf table and kneehole desk, tho both good pieces of furniture, are bad used side by side, for they give the grouping a cold, "woody" feeling, an unpleasant "line-up" effect. The window, which is small, needs all possible pointing up—and it doesn't get it here, what with the desk cutting off half the drapery length, hence shortening the window.

RIGHT How much more friendly and interesting is this arrangement, with an upholstered piece replacing the drop-leaf table, and the desk turned at right angle to the window! It takes very little more space than desk and chair did in the first arrangement. Placed in this manner, with daylight coming from the side, the desk is also more usable and makes of the corner a perfect spot for the inviting wing chair, to be pulled up for light.



WRONG You've seen this very arrangement on the mantels of more living-rooms than you can count. There's nothing actually wrong with it, excepting that it's so thumpingly commonplace and unoriginal. Yet the fireplace *should* be the most eye-compelling spot in the room! If possible, try to let its decoration be something personal to yourself or your family, show evidence of some hobby or of places traveled—somehow characterize individual taste, and thus bring a personal atmosphere to your family hearth. Now let's see what *can* happen here. . . .

Photographs made at Barker Brothers, Los Angeles, by Mott Studios



WRONG "When I find a grand piano painted white or swathed in a fringed shawl, I'm almost positive it's going to be out of tune," a well-known musician has said. And we're inclined to agree with him. We even would add that when the piano is placed at an angle, as this one is, it's quite likely to spoil the whole room's decoration, too, by its dominance. The little picture, hung too high, and the big vase of flowers, towering too high, contribute their share, also, to the generally unattractive appearance of what is, fundamentally, a very beautiful piano—and could you possibly open it? Significantly enough, there is no lamp here at all—apparently this is a piano meant purely for decoration . . . and what decoration!



RIGHT A grand piano, being a very big piece of furniture, should be placed parallel with the wall, rather than at an angle, or it will dominate the entire room. And it should, by all means, have something important on the wall behind it—a lovely mirror, or an especially handsome picture. The top may be left down, but from an artistic point of view, the harp of a grand is its most beautiful feature, so why not let it show? A pair of lamps, or a lamp and a harmonizing decorative add interest; a good light is of course a first necessity. And for goodness' sake, forget about shawls and other forms of drapery for your piano—they only detract from its beauty and give the room a pre-World War air. Beautiful wood should be seen.



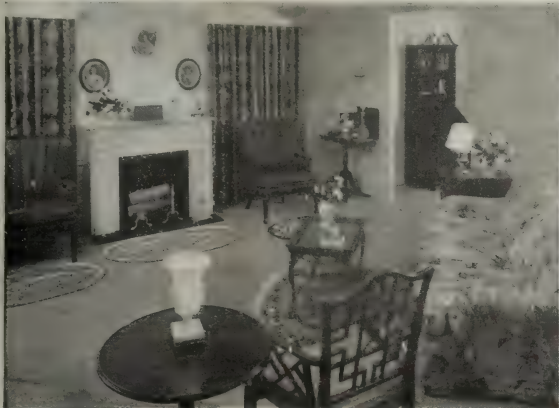
RIGHT How much more charming a mantel like this, with its collection of Chinese figures. You don't have to be a collector to plan a unique mantel, tho. Use your own clever ideas for achieving something extraordinary!



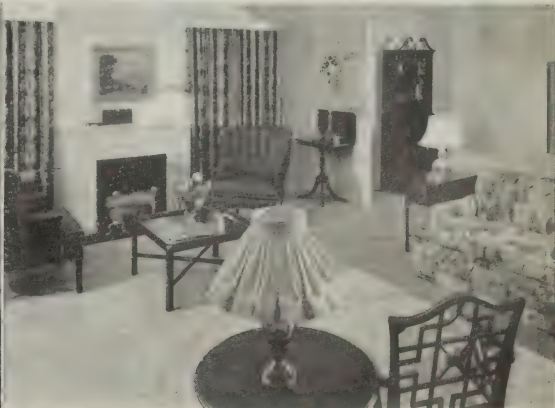
WRONG Chuck-a-block with erudition! But surely such a nice piece of furniture deserves dramatizing with a few decoratives—even if some of those serious, well-matched tomes have to be stowed out of sight.



RIGHT Here's what a few decorative pieces can add to a break-front bookcase. Just little things, none rare nor precious, but interesting and full of decorating power that makes a bookcase twice as individual.

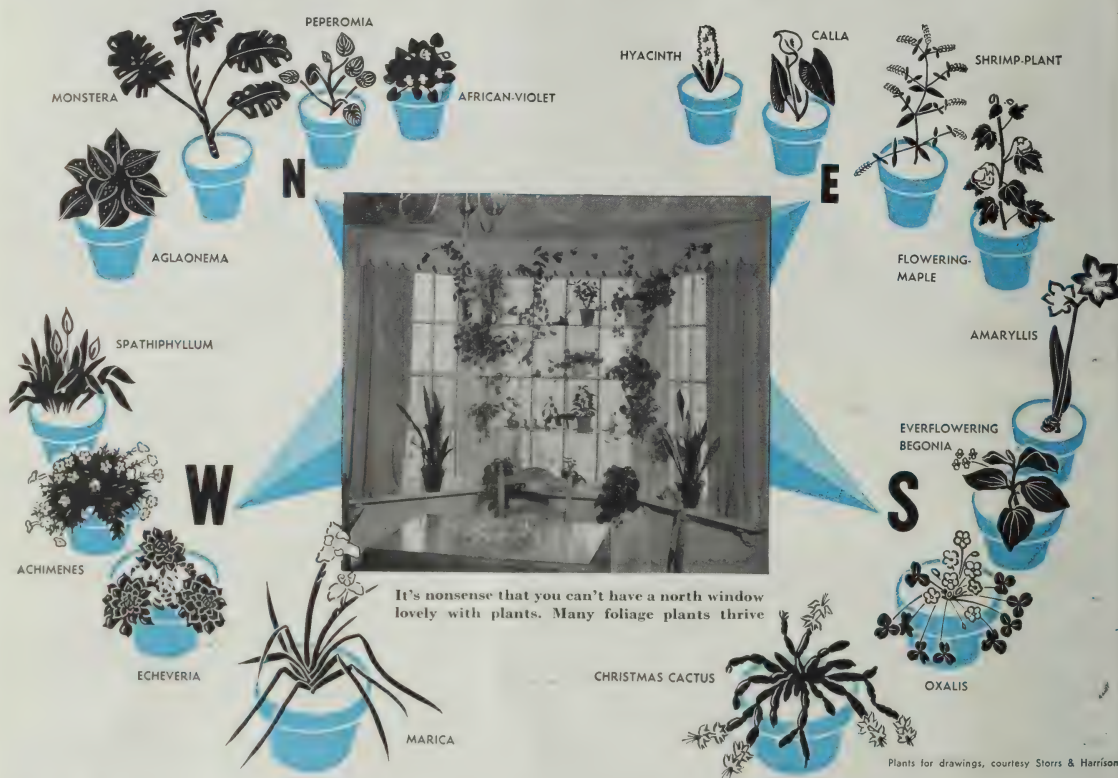


WRONG This is the kind of room in which guests sometimes fall to pondering whether anyone ever has been lost in it. Every furniture piece is in good taste, individually, but, for a livable room, ten errors need correcting. The handsome sofa is big and belongs flat against the wall, not swung out at an angle. There isn't one good lamp for reading, unless one hopes to eke out a bit by the light of the electrified porcelain urn, a nice classic piece but no study lamp, and not in place in this room, furthermore. Considering excellent progress made both in design of lamps and lighting efficiency, bad lighting is today inexcusable in any of our rooms. Error three, those little oval rugs scattered about look like pennies from Heaven. A good-sized one before the sofa or hearth would be a great sufficiency in this setting. Four, a grand fireplace goes to waste because the most comfortable chairs back up against the windows instead of framing the hearth. Five, the Frenchy cocktail table is much too fussy and formal for the other 18th-Century English-type pieces, and is completely out of harmony in this room. And then those portraits over the mantel: they should be grouped more closely together, to form a unit, if used. Errors seven, eight, nine, and ten—the mantel is overloaded; so is the tilt-top table; there are four (count 'em) bouquets in one small area; and last, but not least heinous, crime against good decoration, the Cellophane wrapping has been left on the shade of the lamp by the sofa! (Sure it keeps it clean, but what does it look like?)



RIGHT Isn't this a whole lot more restful? Yet very few actual changes have been made; the transformation has been in rearrangement. The sofa has gone back against the wall—where it belongs, the chairs have come out to flank the hearth in a more friendly attitude, and the Frenchy cocktail table has been replaced by a simpler 18th-Century English style, set before the fireplace to serve the pair of big wing chairs. Two lamps with reflector bowls give plenty of light when needed for reading, and the table lamp—raised from the table to the mantel—affords sufficient illumination to the fireplace end of the room. Because the mantel is small, the one picture gives it more compactness, and a large picture behind the sofa is in better proportion than was the smaller portrait. A matching lamp and table are at the other end of the sofa, not showing. Scatter rugs have been eliminated altogether, in favor of uninterrupted, wall-to-wall broadloom, luxurious and calming. The ivy in the wall bracket, while replacing decoratives not necessarily wrong, does add a more pleasing height to that corner. A general clean-up of decoratives, leaving the mantel only with the lamp, an interesting 18th-Century mahogany tea cabinet, and a Chinese figure, has relieved that cluttered-up look. Now it's a room to be lived in, without jitters! You feel you can walk about in it more freely. Floor lamps with indirect lighting should be placed back of each barrel wing chair, for such comfortable pieces would undoubtedly be used for reading or sewing.

FEBRUARY Indoor Gardening Guide



It's nonsense that you can't have a north window lovely with plants. Many foliage plants thrive

Plants for drawings, courtesy Storrs & Harrison

By Fae Huttenlocher

Associate Editor, Better Homes & Gardens

"EAST, west, north, or south? Which window is best for my houseplants?" Our answer: "It depends on the plant." Prolific-blooming plants are usually sunworshippers and give more satisfaction in a south window.

We wrote some 35 of our country's leading nurserymen asking them to list their choice of plants best fitted to various exposures of light. From their response and our own experience we've selected those pictured above.

Sunny South Window: Christmas Cactus, a native of Brazil, requires ample sun, loose, well-drained soil, and plenty of water during its winter blossoming. Oxalis, or Bermuda Buttercup, blossoms delightfully in a sunny window. Its flowers and leaves have that fresh-as-dew sheen that glistens exquisitely in the sunlight.

The Everblooming Begonia is so easy to grow that no window with south exposure should be without it. Its glorious racemes of exquisite wax-like flowers are dazzling as they glisten among the plant's lush green foliage.

The dignified amaryllis, or more correctly speaking, Hippeastrum (hip-e-AS-trum), is another gorgeously decorative and colorful plant that loves a sunny south window. Amaryllis bulbs

are easy to handle. As soon as you receive them, plant each bulb in a pot about an inch larger in diameter than the bulb. Plant so only the thick part of the bulb is covered with soil, leaving the long neck exposed. Use loose, rich soil well drained at the bottom of pot. Water the bulb sparingly until it sends forth leaves, then keep it watered liberally while it grows and blooms.

Other recommended plants that like the luxury of a south window are: geraniums, cacti, aloes, crassulas, gasterias, kalanchoes, and sedums. Because of their lush growth and prolific bloom, these sun-stimulated plants require more water and feeding than those living under less exciting conditions.

East Window: The plants recommended for east windows of lesser light are flowering-maple, shrimp-plant, calla, hyacinths, Fibrous-rooted Begonias, clivias, dieffenbachias, dracaenas, and the spring-flowering bulbs.

West Window: In the waning afternoon light of west windows, maricas, echeverias (not sempervivums), achimenes, and spathiphyllum thrive happily and surprise us periodically with their exquisite and distinctive, if not prolific, bloom. Syngoniums and aregelias (plants of the peacepipe family) are also contented with western light.

North Window: If a north window is your only available light for houseplant culture, don't despair. Look at the plant window pictured

above. That's a north window. Tho you can't expect prolific bloom on north window plants, often their unusual foliage, form, and texture are more distinctive than bloom. Among these are the monstera, with their bold and handsomely cut leaves that smack of the tropics. Then there's peperomia, with its lush, succulent foliage. *Peperomia crassifolia* has dark green leaves edged in wine red. *Peperomia floridana* has variegated pale green and yellow foliage, giving a cool chartreuse effect. *Peperomia sandersi* is the loveliest of all. Its bright green leaves are veined with white markings almost artificial in their perfection of design.

Aglaonema has a handsome tuft of deep, shining-green, heart-shaped leaves with little or no stem visible. The species *modestum* shown above has leaves with smart white spots and midrib. The African-violet is one plant that graciously responds to the cool caress of northern light, periodically sending forth clusters of exquisite yellow-eyed purple flowers.

All plants in whatever window they're placed will need to have their foliage washed clean at least once every three or four weeks. They'll also need plant food.

Direct drafts from open doors and windows or sudden changes in room temperatures are harmful. Plants placed too close to the window pane in winter may suffer blackened foliage and slight freezing. Paper or cardboard protection should be placed between the plants and the window glass at nights during zero weather. In fact, plants, like people, require common-sense care.

FEBRUARY

Outdoor Gardening Guide

By John Van Dyke Manning

Drawings by Lindsay Field

Pacific Coast Edition

WITH February spring begins, and begins in earnest for western gardeners. Acacias are bright gold splashes on the countryside, in full bloom now in Santa Barbara, just beginning in Palo Alto and San Jose. In San Diego, Los Angeles, Santa Maria—wherever frosts are light—winter flower beds are at their richest. Cinerarias, primulas, stocks, pansies, and violas are a mass of bloom. Fine old camellias and fragrant daphnes bloom in Pasadena, in Sacramento, and in the Bay Region. In Spokane yellow *Jasminum nudiflorum* showers its flowers from bare branches, and in Portland, Seattle, Victoria, and all the coastal Northwest tiny things of the rock garden are already blossoming.

Plant Roses: It's last call for rose planting. If you've a favorite sort, plant a number of them so you'll have plenty for cutting. Some Northwest gardeners plant them close—18 inches—but more general practice is to space rose bushes 3 feet to give them room to develop fully. The new Floribunda Roses, 3 feet tall, thick, bushy, and everblooming, are ideal for hedges or borders. Particularly fine for low border is Mrs. Dudley Fulton, 2 feet, single white Polyantha Rose which is practically evergreen, extremely hardy, and blooms the whole time.

Espaliered Shrubs: If you've a crowded garden, or wild spaces are bleak, try flattening trees or shrubs against the walls, fences, or lattices.

Plant Camellias and Rhododendrons: Plant camellias, deciduous azaleas, rhododendrons, and daphnes in well-drained locations sheltered from the wind. Use a soil mixture of $\frac{1}{2}$ peatmoss, $\frac{1}{2}$ leafmold, and $\frac{1}{2}$ loam. Be sure to set no deeper than plants have been growing. Camellias and *Daphne odora* thrive throughout the West. They move best now, even if in full bloom. If the double camellias seem too formal for your garden, look up single ones such as Appleblossom and the white Amabilis, or any of the dainty *Camellia sasanqua* varieties. These last are excellent as espaliers and some will even trail as groundcovers.

Rhododendrons outdo themselves near the coast from the Bay Region to Vancouver. In southern California they need the coolest possible location, abundant water, and quite some persuasion before they'll bloom well. The black clay muck in which many western rhododendrons are grown is so solid plants don't root out easily into lighter soil. If plants you order come in this sticky clay, support the top so plant won't roll and break the ball, then carefully cut and peel off the burlap. With water from the hose wash away enough outer soil to free at least the tips of the roots. Then plant at once in the prepared soil and drench thoroughly. Roots will take hold of new soil much more quickly.

Reset Perennials: Divide and reset hardy perennials—phlox, salvia, helenium, helianthus, and others. Most should be divided every third year; some such as physostegia and some of the cone-flowers need division oftener else they'll overrun the bed. Here's where notes taken in spring and summer come in handy—which ones do you need more of and which are crowding? Are the accent clumps in the right places and right relation to each other? In cold, moisture-retentive soils, division should wait till it's warmer. Don't divide gerberas and delphiniums till growing weather has really arrived. While you're at it, weed carefully, spade in a 2-inch layer of compost and 5 pounds of complete high-test commercial plant food or bonemeal per 100 square feet, because

perennials are heavy feeders and feeding makes an amazing difference with most of them, especially in poorly prepared beds.

Seed to Sow: In central and southern California sow hardy annuals for spring flowering. Sow lupin, larkspur, poppies, cynoglossum, English Daisy, Forget-me-not, gaillardias, godetias, mignonette, nemophila, petunias, annual phlox, scabiosa, early cosmos, and Virginian-stock. In the Northwest sow summer Sweet Peas. If the first planting of hardy annuals sown last fall is well along, a second succession may be sown near the end of the month to carry on the season of bloom. Seed of hardy perennials may be sown now; in all but the mildest parts of the West it's safest to put them in the coldframe.

If you haven't already, sow light-rooted annuals over the bulbs to carry on the color and hide the ripening foliage when these are thru. Nemophila, alyssum, and Virginian-stock are among the quickest and most satisfactory covers. In a Brentwood, California, garden drifts of lilac and white alyssum make a striking winter cover to a bank whose permanent cover of ivy is just getting started.

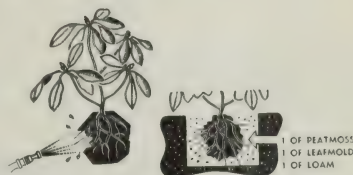
No Thripping: Californians should have their first and main planting of gladioli in the ground by the middle of the month. The plague of thrips is worst in hot weather and the early blooms miss it. Northwesters, less bothered by the pest, should wait till April to plant. In Washington and Oregon, ranunculus, anemones, and winter-aconites can be set out as soon as the cold breaks; flowers won't be as large as with fall planting but it's far safer than planting after cold has begun.

Set Out: In the coast and southern regions where growth has started, set out snapdragons, stocks, Iceland Poppies, pansies, violas, annual phlox, begonias, nemesias, penstemons, gerberas, geums, delphiniums, scabiosas, and all hardy perennials. Set out dwarf Blue Cupflower. It's a lovely and long-flowering border.

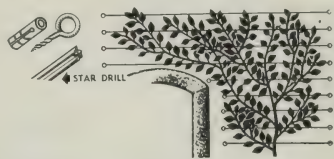
Shaggy Lawns: Don't let lawns get shaggy during winter. It stops grass clumps from thickening and they'll burn later. And don't cut too close either. There's a vogue of scalped lawns in some sections and they're not so green nor so hardy as when the mower is set a little higher. Bent-grass lawns need to be cut very closely, but not bluegrass. If weather is warm enough for growth, feed once a month with balanced plant food, $2\frac{1}{2}$ pounds to 100 square feet.

Prune and Don't Prune: In California roses should be pruned at once if this was not completed last month; in the Northwest, wait till March. Most spring-flowering shrubs bloom on last year's wood and should not be pruned till after flowering. Don't prune pyracantha hedges now; flowers come next month and you'd lose them and next year's berry crop. See "Pruning Rights and Wrongs," page 26, January issue.

And the Pests: The minute cold weather abates it's time for Northwesters to do their winter spraying. If Californians haven't done theirs yet they'd best be quick about it. For winter spraying, oil emulsion or lime-sulphur does more good than all the others together. With trees and shrubs dormant, you can use the strongest possible spray, kill the most pests. Use oil emulsion on evergreens as lime-sulphur stains badly. Clean out leaves in crotches, corners, and other pest hiding places and spray them, too.



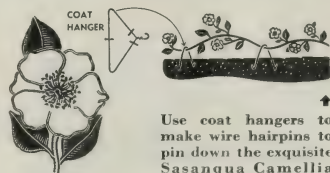
Rhododendrons in heavy soil have a hard time starting root growth unless some old soil is removed with hose to free roots



To fasten shrubs to a wall use a star drill and hammer to make the hole in which lead anchors and a screw eye are placed



Firethorn, or pyracantha, is an excellent shrub for growing in espalier form because of abundant bloom and berries



Use coat hangers to make wire hairpins to pin down the exquisite *Sasanqua Camellia*

Tree Peonies are among the loveliest of shrubs with their silken petals from deep maroon, crimson, and rose to white



Pull and burn any seedling snapdragons which show signs of rust because it can't be cured but can only be prevented

6 Reasons Why . . .

. . . this Bildecost Gardened Home designed by Architect Maxmillian R. Johnke is an outstandingly sensible six-room home for you to build



Six husky rooms, and yet its L-shaped plan and lower roofline adapt it to a very narrow lot



French doors unite the patio and living-room, cupped between the wings for privacy

Working plans for this Bildecost Gardened Home are available from Better Homes & Gardens. Its construction conforms to FHA standards. What will it cost in your community? See page 73.

1 Most comfortably roomy two-story homes look gawkily oversize on the average narrow suburban lot. But this one is peculiarly adapted to these narrow sites in three ways. Its L-shaped plan stretches back instead of across the front. Its roofline is several feet lower than normal for two-story houses. And it's further held to the ground by the horizontal division across the front—white-painted brick below, barn-boarding above.

2 Good sense tells you, "Plan your house to unite the living rooms, garden, and out-of-doors into one luxurious living unit." But good sense, backed by financing institutions, also cocks an eye on "resale value" and urgently whispers, "Put the living rooms in the front of the house where they've always been, for houses that hold to conventions sell better."

This plan satisfies both dictates of good sense. Its living-room looks out to the street, but it looks out thru windows and big French doors to the quiet and beauty of a patio and garden, too. Continuous windows across the end of the dining-room go further to make it a home of sunshine and open-air living.

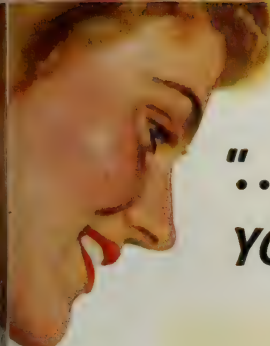
3 It's a good-sized house for the money. The roof, instead of being set on top of the bedroom ceilings, is set directly above the windows, 6 feet 4 inches above the floor. This in effect moves the bedroom ceilings several feet into the attic, cuts waste attic space, saves the cost of building exterior walls up that extra two feet. Yet it still gives you full-sized windows and a minimum wall height of 6 feet 4 inches.

4 This is a comfortable home. All rooms are a husky size—no phone-booth bedrooms, no bathroom so small you have to use the guest-size cake of soap because you can't squeeze the family size thru the door. Every room has cross-ventilation.

There are sizable closets for the bedrooms, a towel closet in the bathroom, a linen closet in the upstairs hall, and a vestibule and big coat closet downstairs. There's a second entrance off the driveway—grand for coming in from shopping or an evening drive when your arms are loaded with bundles or sleepy children.

Light, airy, and ideally U-shaped is the kitchen arrangement of windows, cabinets, range, and refrigerator. [Turn to page 73]





**"... AND I JUST KNOW
YOU'RE GOING TO LIKE THIS SOUP!"**

MOST WIVES say it happens all too seldom. But once in a great while there comes along a new dish that brings to life a husband's appetite, and then follows through to please him with the kind of eating he really likes. Campbell's Cream of Mushroom is like that: the man who doesn't know this soup has something good ahead of him.

Men like a soup with substance, and Campbell's Cream of Mushroom is thick and smooth, like the fresh, heavy cream it's made from. Men like flavor—a taste you can tell at a sip—and this soup brims with the rare good flavor of fresh, young, hothouse mushrooms. It abounds with tender mushroom slices, and men like them, too.

Like father, like son—and like daughter, too. All the family will welcome Campbell's Cream of Mushroom. And presently you'll find you're serving it again—and again.

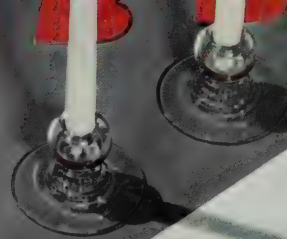
Campbell's
CREAM of MUSHROOM



When a customer comes asking
For something off the beat
I see "Campbell's Cream of Mushroom"
Is a treat to meet—and eat!"



Look for the Red and White Label



HEART-TO-HEART

Partying

By Fae Huttenlocher and Hannah Hecker

WHAT lovely Valentines! You can make them yourself . . . you can use them this way . . . and here's what to serve . . .

All the world loves a Valentine. Hearts and cupids, arrows and lacy frills lift us joyously out of winter doldrums and set us on the road to Spring. We're all sentimentalists at heart, and a fig for him who says otherwise!

There are Valentines to send, Valentines to slip under doors, Valentines to delight in at

our own home tables. So here we bring you our favorites. They're simple and fun to make. Let them center your Valentine table. And conjure delicious things to serve at your heart-shaped February parties. Across the way are Valentine centerpiecees. (Directions for making them on page 61.) On page 42 are the Valentine dishes you'll present at the parties planned below.

Remember—we're never too old for affairs of the heart, if they're Valentine hearts!

Heart-Shaped Dinner Party: Table's centerpiece is a clever heart-and-arrow affair. (How to make on page 61.) The heart is an old-time red-and-white carnation frill flanked by six arrows and tapers. Three red candles with silver arrows balance three white tapers with red arrows. Fine, too, for buffet service. Table may be placed against the wall with a row of candles as the backdrop.

Menu: Stuffed Veal Rolls, Latticed Potatoes, Cauliflower, Shredded Beets, Lacy Heart Salad, Heart-Stenciled Ice Cream, Cake Squares, Coffee. (Page 42 for stencil trick.)

Valentine Bridge-Dessert: Serve yours from the dining-room or at the dining-room table. You'll love a centerpiece of two flower-laden hearts tied together with a red satin bow. For the hearts, use a strip of pliable red cardboard stickered with heart seals. Fill hearts with carnations or rosetted paper doilies. Run an arrow (Cellophane sippers secured with silver cardboard heart and hilt) obliquely thru the bow. Slip paper doilies under plates and goblets or lay narrow red runners of crepe paper as a smart but simple cover for the table.

Menu: Pineapple-Almond Bavarian-Cream Mold (page 42), Lovers' Knot Cookies, Coffee.

Young-at-Heart Dinner: All ages will love it. Cut stiffish pink paper like an open book for Victorian centerpiece. Frill with paper doilies (page 61). On the left page goes a wee nosegay. On the right, write "To My Valentine." Now a sweet little miniature for each guest. Long tables use candles or comports of Valentine candies on each side of Valentine.

Menu: Tomato Bouillon, Creamed Chicken or Tuna in Toast Hearts, Baked Potatoes, Asparagus Tips, Pimiento Biscuits, Ripe Olives, Strawberry Hearts on Pineapple and Coffee for grown-ups. Heart-Shaped Lollypops and Milk for little folks. (See page 43.)

Teen-Age Tea: The centerpiece we've chosen would be just as lovely for a debutante's or bride's Valentine table. It's the tulle heart garlanded with pink roses; five-inch lace-paper doilies could replace the tulle rosettes. (How to make on page 61.) Three candles would be charming in the heart's center if but one heart is used. With two, place three candles or a candelabrum between them for a longer, more elaborate setting. Your cloth might be pale pink or yellow taffeta, or a fine lace one.

Menu: Just-for-You Ice-Cream Molds, Cupid Cakes (see page 43), Salted Nuts, and Candy Hearts.

Hearts-Are-Trumps Luncheon: Centerpiece—two pink froufrou hearts holding violets. Takes two cardboard hearts, six-dozen pink lace-paper doilies. In each pink rosetted heart nestles a large bunch of fresh or artificial violets collared with green leaves. Between go bright candies and tiny nosegays. Tuck placecards in heart nut cups with lacy ruff, or use gold cardboard arrows tied with purple ribbon and violets (page 61). Use pale pink damask cloth or place mats for the table.

Menu: Crab-Meat and Shrimp Soufflé, Shoestring Potatoes, Broccoli, Pear-Heart Salad (page 43), M'Honey Rolls, Sweetheart Cupcakes.

BETTER FOODS
& EQUIPMENT
DEPARTMENT

Edited by Helen Homer

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It's a Man Hunt!

Men—men—to the kitchen!
Ladies, you're out of luck.
We're scouring the horizon for the best male cook—husband, boy friend, or woman hater. It's a strictly masculine fare. Send us your favorite recipe, along with menu suggestions, be it for a stag party or family reunion.

And fellows, note this! Recipes and menus will make up the **SO** Good Meals page in an early autumn issue, along with a color photograph showing your favorite concoctions. Winners receive \$1 for each recipe published.

KITCHEN PLANNING

HERE'S HOW!

Here's a never-fail guide. Make good use of it when you plan, reorganize, or remodel your kitchen. It will save Time... Steps... Money. This is No. 1 of 3 Kitchen Features. Watch for No. 2, Coming in Next Month's Issue

By Architect

Gerald K. Geerlings

WHOEVER invented that ingenious device, a Lazy Susan, had the right idea for a kitchen plan. As a mere man I believe the ideal kitchen would be a Lazy Susan on a grand scale. I should like nothing better than to sit in the center of my kitchen and, with a flick of a lever, see the refrigerator, sink, range, or cabinets rotate until I had only to reach and take what I want, then spin the room around to what I need next. But as an architect I have a suspicion it would be a little costly.

However, remembering about Mohammed and the mountain, the thing to do with the Lazy Susan idea is virtually to sit on a swivel stool and you, yourself, do the spinning. Call it serious-faced research or just plain common sense—but that's exactly the principle of a modern kitchen. Government bureaus and private technicians, manufacturers and homemakers, editors and architects, all have been working for the last decade to find what will produce the most convenient and economical kitchen for the American family.

AFTER smoking many pipes and asking many readers and homemakers, I've tried to arrange the most pertinent information in as concise a manner as possible. But what I've failed to get into the sketches and the captions is the all-important fact that planning a kitchen is *fun*, and that it isn't a difficult job at all. It's simple as can be if you'll always remember to plan to save your own steps. Imagine yourself in the swivel chair, making the casters travel the minimum distance.

SIMMERING down approved conclusions, plus our own experiences, we offer this diagram of five easy steps to guide you in planning your kitchen.

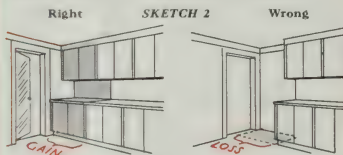
STEP I

How to Begin—General Rules

To Plan a Kitchen. First of all indicate the place that will be occupied around the room by the refrigerator, sink, range, and cabinets. All now are standardized to about a 25-inch depth, so on a floor plan draw a margin to this scale, as in **Sketch 1**. If you're remodeling, just chalk the lines on your kitchen floor.

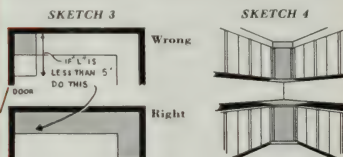


Wall Space is at a premium—the more continuous it is, the more convenient the kitchen. Door locations are vital. Use your 25-inch margin and locate all doors 2 feet 4 inches away from all corners. This permits equipment to



extend to the corner, as shown in **Sketch 2**, "Right." With a corner door you not only lose about 3 feet of cabinet space, **Sketch 2**, "Wrong," but entering the room is awkward.

Place Major Equipment. Make paper cutouts the same scale as your plan to represent your refrigerator (scaled about 2½ feet wide),

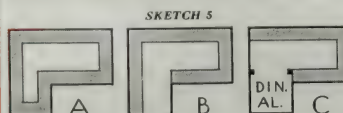


sink (4 to 5 feet wide), and range (about 3 feet). If working on the room, cut them full size (to your 25-inch depth) of wrapping paper.

Sequence is of utmost importance. Place the refrigerator near the entry door to receive food; the sink under a window if possible, next best at right angles to a window, flanked by work surfaces. Place the range nearest of all to the dining-room. For working convenience, avoid placing either the range or sink in a corner.

Corners. Avoid having cabinets "turn a corner" if the side wall extends less than 5 feet. As in **Sketch 3**, marked "Wrong," the shaded area in the corner is wasted, and there is no more usable space than in "Right." When cabinets do turn a corner, as in **Sketch 4**, special corner cabinets that cut across the angle make shelves and work surfaces reachable and easy to use.

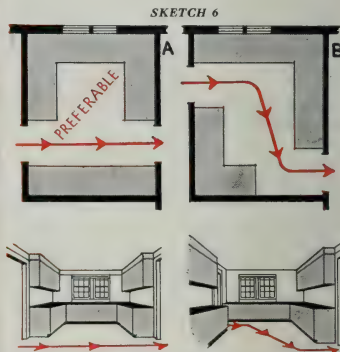
Oddities. If in an L-shaped room there is an end where the distance from wall to wall is less than 8 feet, as in **Sketch 5A**, then have equipment on one side only, as in **5B**, or alcove, as **5C**.



STEP II

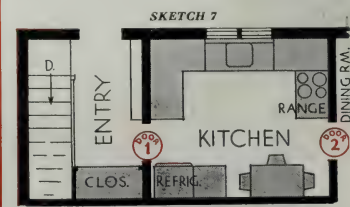
How to Travel—Traffic Rules

Traffic thru the kitchen is regulated by the placement of doors and equipment. When you have the 2-wall type (shown under **Step III**, **Sketch 8**) the kitchen becomes a corridor between parallel equipment. If you have the depth, have the U-shape plan (**Sketch 6 A**). Obviously this is ideal for most families because the work centers (refrigerator, sink, and range) are compactly arranged about a central floor area which lies outside the direct traffic route. Comparison of the two plans, **Sketch 6**, shows the superiority of the left-hand scheme.



Two Doors to a kitchen are the ideal number. An existing kitchen may have as many as four, but try to close all but two. As in any new kitchen, there should be one entry door thru which food is delivered, and one door to the dining-room. Any other doors are better segregated in an adjacent entry or room, as in **Sketch 7**. By having both the door to the exterior and access to the basement stairs or utility room independent from the kitchen, it reduces interference with kitchen activities at all times, and in the winter it prohibits cold drafts. The utility closet in the entryway is most convenient. It may house cleaning equipment and supplies or baseball bats, ice skates, and such.

Remodeled and Replanned Kitchens usually offer a challenge to one's traffic-routing ingenuity. After you have a 25-inch routing line on the floor and have made the paper cutouts (representing refrigerator, sink, and range) and laid them on the floor in that order, it may be that there won't be ample work surfaces at the sides of these units. Existing doors may need shifting to make a convenient plan possible. If the door openings cut the wall space in short segments you'd have to have special cabinets, and their cost would likely be more than to move the doors and be able to use stock equipment. Try to use any inescapable irregularities in the room to advantage—a niche for a planning desk or a utility cabinet; if large enough, a dining alcove.



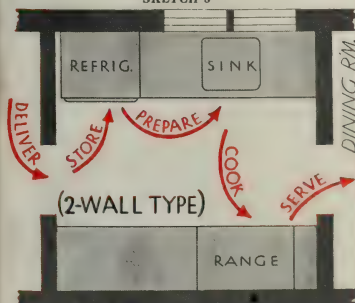
STEP III

How to Place the Equipment

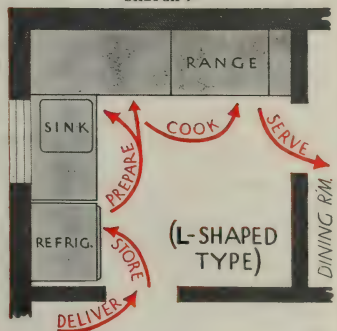
It's of Primary Importance to realize that the following five steps take place from the moment food enters the kitchen until it's served in the dining-room: (1) delivered, (2) stored in the refrigerator or cabinets, (3) prepared for cooking, (4) cooked at the range, and (5) served.

Successive steps are sketched below in these three common kitchen types. In the 2-wall kitchen, **Sketch 8**, some prefer the refrigerator and range placed on one wall with sink opposite. The U-shape, **Sketch 10**, for typical families, needs 4 and preferably 5 feet of open U area.

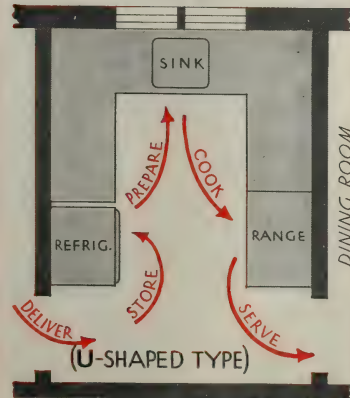
SKETCH 8



SKETCH 9



SKETCH 10



STEP IV

The Equipment Itself.

The Refrigerator should be adjacent to the entry door and, in turn, should have work surface adjacent. Cabinets may be above the refrigerator if this doesn't interfere with its functioning. A refrigerator door should open on the side adjoining the work surface, as in **Sketch 11**. This plan provides a space for setting foods and a spot for arranging salads and beverages. Provide area for an adequate-sized refrigerator. It's the hub of the preparation center, along with cabinets to house staples, and utensils used in food mixing and preparation.

SKETCH 11



SKETCH 12



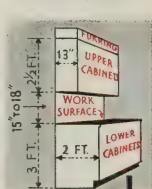
The Sink and Dishwashing Center is ideally located under a window. Have work surface on both sides of the sink. This, from the point of view of sanitation, should be impervious to moisture. For maximum convenience there is the dishwasher-type sink, and also a garbage-disposal unit that grinds the material so fine that it's washed down the drain. Monel metal and stainless steel should be considered along with the porcelain-enameled cast-iron types.

The Range should be near the door to the dining-room, but with enough space between so there can be some work surface to make an ideal serving center, **Sketch 13**. Cabinets to house serving dishes and large platters supplement the range utensil-storage space. The door should swing so that when open a minimum of kitchen can be seen from the dining table.

SKETCH 13



SKETCH 14



Cabinets have been standardized in both wood and metal. Lower, or base, cabinets are 3 feet high to conform to sink and range. They are 2 feet deep except for hardware at the nosing. Upper cabinets, on wall, are 13 or 14 inches deep. The distance between upper and lower cabinets is usually 15 to 18 inches. The space is usually adjustable to make the height of the work surface suit individual requirements. Be on hand when cabinets are installed and know your correct working height in advance. Test-reaching for placement of upper cabinets is time well spent. If possible, have some work surface not covered by an overhead cabinet.

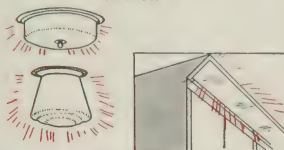
Water Heaters can now function in the kitchen without fuss or unsightliness. The house without a basement or the replanned kitchen requiring a new system can have an automatic unit water heater, electric or gas, in a cabinet that's styled like other modern equipment.

STEP V

How to Arrange Lights and Outlets

General Illumination should emanate from the ceiling fixture so as to produce an average of 5 to 10 foot-candles thruout the kitchen and better than that at sink and range, where close work is done. In the average kitchen 100 to 150 watts in the ceiling will provide good general lighting. For efficient central lighting of the average kitchen, **Sketch 15**, use any of the diffusing glass-enclosed types shown below.

SKETCH 15

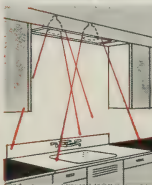


Auxiliary Lighting should create a foot-candle rating of 10 to 20 on all work surfaces, sink, and range. Where there's a window over the sink it's an eye-saver to have soffit lighting, **Sketch 16**, consisting of two 60-watt bulbs with reflectors mounted 3 feet apart. A cover lens of prismatic glass gives maximum illumination.

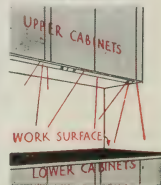
Lights may be in the soffit above, as in **Sketch 12 (a)**, or at the sides **(b)** at the level of the underside of upper cabinets.

On the underside of upper cabinets there

SKETCH 16



SKETCH 17



should be tubular lamps mounted, recessed, and located along the lower outer edge of the upper cabinets, **Sketch 17**. This placement reduces glare. When this installation is difficult a plug-in strip along the back wall up under the upper cabinets is really quite satisfactory, since reflector shields can be placed on the lamps. The plug-in strip can provide the holes in which to plug the sockets for tubular lamps and the outlets for appliances. Obviously there is great advantage in having lighting on the inside of cabinets controlled by the opening and closing of doors.

Convenience Outlet is the name given to a wall receptacle into which you plug the end of an appliance cord. It well becomes its name if properly located. There should be one for the refrigerator, and ideally, on a separate circuit. Each outlet should be double, allowing two appliances to be plugged in. They should be placed nearest the point of use.

Switches and Circuits must be considered carefully before wiring so that there will be sufficient voltage to insure efficient and inexpensive operation of appliances. Each light under the upper cabinets should be controlled by a near-by switch. There might well be multiple control for the ceiling lights, one switch at each door. Don't overload one circuit with too many convenience outlets.

A Ventilating Fan is a great boon at all times—in winter when closed windows tend to spread cooking odors thruout the house it whisks them out. In summer it draws in fresh air.

We Parents

Here Come the Dads!

"Why don't the fathers come forward with some of their bright ideas for 'We Parents'?" —asked Mack P. Lee, of Lemoore, California. "Are we bashful, plain dumb, or do our womenfolk outwit us by sending in our ideas and taking the credit?"

Mr. Lee, you took the words right out of my mouth. Fathers are most welcome here. Mr. Lee supplies a bright idea of his own for meeting that dislike children often have for certain vegetables.

Vegetable Grab Bag

One day I took 5-year-old Charley to the store and we bought several No. 2 cans of corn, string beans, and other vegetables he liked, together with an equal number of spinach, asparagus, and peas, which he detested. Arriving home, I had him tear off the wrappers and place the cans on a shelf.

When his mother started to prepare a meal, she told him to bring her a can of vegetable. If his choice proved to be something he didn't like, he ate it gladly so he would have another chance at the next meal. When fresh vegetables appeared we had no trouble. He had learned to like them all.—Mack P. Lee, Lemoore, California. P. S. I also learned to eat spinach and asparagus.

Dad's Tours

Last fall my boy came to me with a widely advertised candy bar and asked, "How do they make it?" Next day I called the sales manager of the company and arranged for a group of children to go thru his plant. Dads furnished transportation.

Since then trips have been made to dairies, ice-cream manufacturers, printers, food produce companies, wholesale houses, mail-order houses, toy manufacturers, tanneries, utilities, bottling plants, school-supply manufacturers, and a canning plant. About twenty youngsters, between 6 and 12, make the trips. Educational for all of us.—K. N. Bantline, Oak Park, Illinois.



"I pick 'em—then I eat 'em. They taste swell!"

Pool Hall to Orchestra Leader

Adolescence came overnight, and our son was lazy, shiftless, slovenly, caring for nothing but the pool hall and the "gang." He needed a new interest, we decided, and gave him piano lessons even tho we couldn't afford it.

After a year and a half he's managing a 5-piece orchestra of neighborhood boys. This keeps him so busy he never thinks of the pool hall anymore. He keeps himself neat and clean, because playing at parties demands it. Even his school-work has improved, because he's formed the habit of doing things thoroly. This experience is building self-confidence and will make the step from school into business easier.—Mrs. C. E., Chicago, Illinois.

HOW WE COPE WITH EVERYDAY CHILD- TRAINING PROBLEMS

An Open Forum for Mothers and Fathers

Don't Be Afraid to Say "Don't"

THE modern parent has certainly been well trained not to say "don't." Almost too well trained, I sometimes think.

"Don't say don't," the phrase that's been dinned so persistently into our ears during the past 20 years, is highly laudable in intent. Find constructive activities for the youngster rather than surround him with prohibitions. Keep him supplied with things he may do instead of spending your time devising punishments for wrong-doing. It's a fine thought, and the essence of modern child-rearing.

But I find too many parents who interpret it to mean that they must never interfere with their child, whatever he does.

"I've tried ignoring his conduct, I suggest something else for him to do, but Jimmy is worse than ever about hitting and pinching everybody, from his playmates to Grandma and the baby." You'd be surprised to know how many times I hear this sort of plaint, and always from the most careful and conscientious parents.

FOR fear of saying "don't," many a home has degenerated into a debating society, with the verdict always going against Mom or Dad. For children learn quickly that if they can inveigle adults into a discussion in matters of plain right or wrong, they've won the day.

Every boy and girl passes thru annoying phases, entertains from time to time little habits which we know will be outgrown. These we can afford to ignore. But whenever conduct is plainly undesirable, anti-social, and wrong, the thing to do is to put a stop to it, briefly, firmly, unemotionally.

"We don't do that, Jimmy!" And when you say it, mean it. If Jimmy thinks, from past experience, that you don't mean it, banish him to his room until he learns you do.

I CANNOT repeat too often that if children are kept on a regular health schedule, supplied with plenty of interesting activity, few difficulties will arise. But when a child does something which common horse sense tells us should be stopped, let's not be afraid to say "don't!"

Gladys Denny Shultz

Dosing the Baby

Being a mother and also a trained nurse, I've found it a good plan, when giving medicine in liquid form to babies, to put it in the nipple of a nursing bottle. It's taken easily and without spilling.—Mrs. Ethel McDaniel, Chattanooga, Tennessee.

Ever let the children help plan the family meals? It aids appetites and does away with "choosy" ideas, our readers say. Below are three good ways to do it.

Our Boys Edit the Meals

Every Friday evening my boys, 8 and 9, go over the menus and grocery lists for the next week, suggesting foods and dishes they prefer. Father often obliges with a hint. We discuss why I often serve certain foods and whether our budget will allow a specialty.

They're learning about costs, to eat other people's "specialties" with pleasure, and to look for-



"It's a game! One divides, the others choose!"

ward to certain meals because they themselves planned them.—Mrs. John B. Wiley, Burgettstown, Pennsylvania.

Miss "Manager" Buys the Groceries

Balanced menus for better health, on a slim food budget, call for full co-operation. My daughters alternate in being responsible for the dinner. I give the "manager" of the day a quarter or half-dollar for the shopping. Whatever she brings home we cook and serve attractively. School foods classes are easy now.—Mrs. L. F. Wedekemper, Summit, New Jersey.

No Fair Chiseling

A friend of mine with a girl and two boys, 12, 10, and 7, makes each child responsible once a week for buying, planning, and preparing one meal. She gives them a definite amount to spend. If there's any left, it goes to the child in charge. No danger of skimping, however, for the others would criticize.

Seldom does anyone say, "I don't like this," for each child knows how disappointing it is to work hard preparing something that isn't appreciated.—Mrs. Nelle M. Jones, Lincoln, Nebraska.

Gifts Ready to Go

We've a cedar-lined "gift chest" at the end of our entrance hall, with a lid not easily opened by little busybodies. In it we place all sorts of gifts, some for boys and some for girls, collected through the year, often at sale prices.

When young friends have birthdays, there we are, all prepared! We also keep wrappings, bright ribbons, and stickers in the chest.—Mrs. Frank Birkhead, Carthage, Mo.

HERE'S THE SECRET THAT GIVES BAKED BEANS MORE FLAVOR!

Enrich them
with the tang
of real
New Orleans
molasses



Home-Baked Beans:

Follow your usual recipe, but, instead of sugar, use Brer Rabbit Molasses. To one quart (4 cups) dried beans, use 2 tablespoons to 1 cup of molasses, according to your taste.

Canned Baked Beans:

Add two tablespoons of Brer Rabbit Molasses to one can of baked beans before heating. Serve hot.

TO GIVE JOY to hungry appetites, serve a bubbling pot of beans, baked with plenty of molasses. Brown bread, too—piping hot.

But be sure the molasses you use for both is pure New Orleans molasses—the real, old-plantation kind. How to get it? Just ask for Brer Rabbit Molasses! This high-quality molasses is made from freshly crushed Louisiana sugar cane!

FREE!

VALUABLE 52-PAGE
COOK BOOK

MAIL COUPON

116 recipes. Ginger-breads, cookies, cakes, breads, main dishes, puddings, ice creams, candies. 20 photographs. Washable cover!



PENICK & FORD, Ltd., Inc.
New Orleans, La., Dept. B-6
Please send my FREE copy of Brer Rabbit's brand-new "Modern Recipes for the Modern Hostess."

Name (Print name and address)
Street
City State

We Parents

[Continued from preceding page]

"I'll Divide—You Choose"

My mother-in-law solved one of my greatest child problems—the big battle whenever there was something to divide. She suggested that "one divide, the other choose." It worked like a charm, because the divider was always careful that there wouldn't be any "bigger piece" for the other to make off with. At 14 and 16, my children still use this method. I recommend it as a nerve-saver.—Mrs. Nelson H. Webb, Hattiesburg, Mississippi.

Boy-Crazy

When daughter Iris was 14, she became boy-crazy. Her friend Zella was shy, while her other chum Peg was bright and wrapped up in her lessons.

We three mothers joined forces. On Friday and Saturday nights we encouraged the girls to invite three boys to one of the homes to make candy, punch, waffles, or ice cream; dance; or play games. A mother was always present but not evident. The evening ended at 10.

Iris found that boys were just boys, a routine part of life. Zella lost her painful shyness; Peg became interested in people as well as in books.—Mrs. M. R. B., La Crescenta, California.

Training youngsters to be unselfish is important. These three plans have worked:

Share the Wealth

We children were taught to share by very simple, impressive practices. There was never anything too small to be divided into five equal parts, even if it were but a penny stick of candy.

This rule of our youth has helped us to escape childish selfishness in other phases of living.—Mrs. J. S. Clark, Madison, Wisconsin.

Turn About Is Fair Play

Our 3-year-old girl and 4-year-old boy were always wanting the same thing at the same time. We solved this by having them take turns with everything. One would play with a toy, then the other could have it next. They even take turns saying grace at the table. It really worked.—Mrs. Owen Hanna, Indianapolis, Indiana.

Money Savers

To correct needlessly high light bills, we averaged them, then put the sum aside for the ensuing month. The youngsters were told that if the bill was less than that amount, the surplus would be divided between them.

Lights were turned off like magic, light bills reduced.—Mrs. L. J. Kropp, Oakland, California.

Tit for Tat

When my only child was quite young, she showed signs of expecting me to do things [Turn to page 44]

"A HIT!"

WESSON FRIED POTATOES,"
says Mrs. Babe Ruth
wife of the famous home-run king



"Potatoes French-Fried in Wesson Oil are always golden, crisp — never greasy. Because you can fry 'hot' with Wesson Oil."

Here is the French-Fried Potato recipe the Ruths like so much:

Hot Wesson Oil

6-8 potatoes

Wash and pare potatoes and cut lengthwise into strips 1/2 inch wide. Soak them in cold water for 1 1/2 hour. Drain thoroughly and dry them well between towels or paper towels. Place them, a few at a time, in a wire basket and plunge slowly into deep Wesson Oil heated to 390° F. or hot enough to brown an inch cube of bread in 30 seconds. Fry until well browned and cooked in the center. Drain on absorbent paper and sprinkle with salt when ready to serve.

HOT ASPARAGUS VINAIGRETTE

See how Wesson Oil improves cooked vegetables, too. Serve asparagus this different, spicy way.

1 tsp. salt	1 tsp. grated horse-radish
1/2 tsp. paprika	3 tbsps. vinegar
Few grains cayenne	1/2 cup Wesson Oil
1 tbsps. chopped onion	1 can asparagus
1 tbsps. chopped pickle	(1 pound)

Heat seasonings, vinegar, and Wesson Oil together for 3 minutes. Drain asparagus, add to oil mixture and heat thoroughly. This makes 4 servings.

WESSON OIL WAFFLES

Wesson Waffles are famous. This is one of America's most popular recipes. Easier, too! Just pour Wesson Oil to measure, pour to mix.

2 eggs	2 1/2 cups sifted flour
1 1/2 cups milk	3 tbsps. baking powder
1/2 cup Wesson Oil	1/2 cup sugar

Beat egg yolks with milk and Wesson Oil. Sift flour, baking powder, salt, and sugar together and stir into liquid mixture just enough to make a smooth batter. Fold in stiffly beaten egg whites. Bake on a hot waffle iron. Serve hot with honey, jam, cane, maple or corn syrup. This makes 6 waffles.



NEW—WESSON Oil Recipe Book—FREE

WESSON OIL & SNOWDRIFT PEOPLE, DEPT. GG
210 Baronne Street, New Orleans, La.

Gentlemen: Please send me free your new recipe book "How to make all kinds of good things to eat with Wesson Oil." I understand it is filled with your new tested recipes for salad bowls, hot vegetable dishes, waffles and fried foods.

Name
Address
City State

BUY SOME WESSON OIL—at your grocer's



1. This Amazon lady, named Marjorie Eaton, Can chin herself seventy times without cheatin'!



2. Yet by noon of the day when the windows she washes She's as limp as a watersoaked pair of galoshes!



3. Now note, on the other hand, wee Mrs. Schneider Who's as frail as a toothpick and not a bit wider...



4. Using Windex, she cleans all the panes in a jiffy, And then romps with her pup, feeling sprightly and spiffy!



5. For crystal clear windows, try Windex today! Spray it on... wipe it off! It's the miracle-way!



6. It gives such results that you couldn't ask more... For it's modestly priced. (At your neighborhood store!)



NO OTHER GLASS CLEANER IS MADE BY THE SECRET WINDEX FORMULA! AT PRESENT REDUCED PRICES, WINDEX COSTS BUT A FRACTION OF A CENT PER WINDOW.

The easy way to make glass sparkle! For windows, mirrors, picture glass, etc.

WINDEX

Ask about the big 20 ounce economy refill size!

Copyright, 1940, The Drackett Co.



Picture-Recipes for

Photographs by Edwin A. Falk



Heart-Stenciled Ice Cream. Buy a quart of ice cream. Have it sliced and preferably packed in dry ice. Remove lid and cut a heart-shaped stencil or use heavy cardboard. Whip cream and color pink with red food coloring. Hold stencil over slices of ice cream. With wide spatula or knife, swish on some colored whipped cream and lift the stencil quickly. It freezes immediately. You may make shamrock, initials, or birthday age as stencil. Cut your own to fit the occasion.



Wear-Ever Mold

Pineapple Bavarian-Cream Mold. Use your favorite pineapple Bavarian-cream recipe for this heart mold, plus a few toasted almonds. Oil mold with salad oil—makes the turnout easy. Color some of the liquid gelatine red and pour into heart identification. When firm pour in partially set Bavarian cream. Chill overnight. Unmold and stud with halved maraschino cherries around lower edge. Lovers' Knot Cookies are swirled with the star-shaped plate of the cookie press and dotted with bits of maraschino cherries before they are baked.



Young-at-Heart Dinner Toast-Hearts. With a cookie-cutter, cut heart shape from three bread slices. Scissor out smaller heart from center of two slices. Toast all. Place solid heart on bottom; stack other two on top; anchor with toothpicks and fill with creamed tuna. Use condensed mushroom soup as the base. The pimiento sash on the asparagus carries out the red theme. Ripe olives are the garnish.

"Heart-to-Heart Partying"

See Pages 36 & 37



Candies: O. P. Bunn Confectionery Co., Denver, Colo.

Strawberry Hearts on Pineapple. Change the setting and it's a Valentine dessert we'd all delight in. Unmold strawberry-gelatin heart on pineapple slice. Or cut from a large pan of gelatin, using heart-shaped cutter. Top with large "conversational" candy heart, the funnier the better. Add a crystal-clear lollipop at each place.



Pear-Heart Salad. Simmer canned pear halves in sirup, made with red cinnamon candies, to a delicate pink. Cut notch in wide end to make heart shape. Roll cream-cheese balls in chopped nut meats; add a fluff of salad dressing. Frost cupcakes with pale pink frosting to match doilies. Top with candy violet from confectionery store. For M'Honey Rolls, roll 1 recipe baking-powder biscuit dough in a rectangle $\frac{1}{4}$ inch thick; brush with 2 tablespoons melted butter; sprinkle with 1 cup granulated sugar combined with grated rind of one orange. Roll up lengthwise, slice $\frac{1}{2}$ inch thick, bake in muffin pans.



Cupid Cakes. Diamond-shaped cakelets take form from a 9- by 12-inch sheet cake. Divide in thirds lengthwise parallel to the sides, then cut diagonally from upper right-hand corner to form diamonds. Frost with thin confectioners' sugar icing and top with candy heart.

SEE OUR GUARANTEE TO YOU... ...PAGE 89

SEEM' DOUBLE



Millions of women know that tattle-tale gray has a chance—when the golden Fels-Naptha bar tackles the wash. They know it's the liveliest, busiest dirt-chaser that ever swished in a tub. But did you know this...



You can now get Fels-Naptha in chip form, too! Huskier chips that work wonders just like the grand golden bar! Chips specially made to whisk all the dirt out of clothes—to banish tattle-tale gray! Now at last...

"I'M RICHER
GOLDEN SOAP
AND NAPTHA"



You can get Fels-Naptha's extra help any and every way you wash! For in the chips as well as in the bar, you get richer, golden soap combined with that wonderful dirt-loosener, *naptha*! Use the bar for bar-soap jobs. See how quickly it hustles out dirt—without hard rubbing! See how gorgeously white and sweet it gets your clothes. And...

"ME TOO"



Wherever you've been using box-soap, put the new Fels-Naptha Soap Chips to work. They speed washing machines because they're *HUSKIER*—not puffed-up with air like flimsy, sneezy powders. And they give oodles of rich suds because they now hold a marvelous new suds-builder. So try Golden Chips or Golden Bar—and banish tattle-tale gray.

COPR. 1940, FELS & CO.

WHEREVER YOU USE
BAR-SOAP—USE
FELS-NAPTHA SOAP



WHEREVER YOU USE
BOX-SOAP—USE
FELS-NAPTHA SOAP CHIPS



BANISH "TATTLE-TALE GRAY" WITH
FELS-NAPTHA—BAR OR CHIPS

Just name 4 BETTER WAYS to make your cold weather meals more tasty!

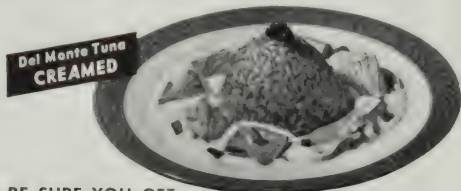


And to make them extra good—
be sure you use this finer tuna!

Watch those appetites hurry home—to the tune of this deep-sea goodness!

And no wonder! You'd know—by its fine texture—Del Monte packs only the smaller, more tender tuna. Firm, meaty pieces—yet see how delicately flaky!

Serve it hot or cold—plain or fancy—every clear, inviting morsel foretells grand eating! Two delightful styles. Solid Pack and Shredded. Try both!



JUST BE SURE YOU GET

Del Monte Tuna

FOR FINER FLAVOR IN EVERY TUNA TREAT YOU SERVE



We Parents

[Begins on page 40]

for her which she should be learning to do for herself. I wanted no spoiled child, so let her know that whatever she expected me to do for her, I expected her to do for me. If she asked me for a drink, I'd get it, but before long I'd ask her to bring me one.

Busy studying, she asked me to make her some toast. Soon I found occasion to ask her to make me some, too. My requests were always granted and my daughter learned to be thoughtful of others.—Mrs. P. J., Grafton, West Virginia.

Picks His Own Punishment

When my 11-year-old son disobeys, I let him choose his own punishment. For instance, one evening he was $2\frac{1}{2}$ hours late for supper. I told him of the extra work it caused, asked him what he thought should be done to make him remember.

He decided he should stay home after school next day, practice on the piano until time to help with supper, then wash and wipe the dishes. Rarely does he repeat a mistake after he's punished himself, and he has no feeling of being abused.—Mrs. C. M., Cleveland, Ohio.

No More Library Fines

Often the children would forget when their library books were due and fines mounted. One day 8-year-old Marilyn marked down on the kitchen calendar the names of books due and the date they were to be returned, using bright red crayon. No more fines!—Mrs. Lyman R. Brown, Peoria, Illinois.

Infants Parked Here

Two or three young mothers in my neighborhood have solved the plan of exercise and outings, while still keeping a maternal eye on the infants. We tie ourselves off together each morning with our tennis rackets and baby pen, install our children in a protected corner, and indulge in 30 minutes' glorious activity.

I find that by keeping that date with myself every day I avoid feeling martyred, keep a better perspective, and have a far better figure!—Mrs. Willis Camp, Berkeley, California.

They're on Their Own

Following are some hints I've found helpful in teaching independence to my two daughters, ages 3 and 5.

Washing and bathing: personal soap, washcloth, hand towel, and bath towel, conveniently placed on low rods; a low mirror for their exclusive use; a sturdy bench and hand rail for climbing in and out of the tub.

Dressing: separate drawers for each child's clothing; clean clothing laid out at night for use next morning; all clothes purchased with an eye to self-help, with zippers, generous-sized buttons, and front openings; all new clothing demonstrated to make sure the youngsters can manage it.

[Turn to page 64]

I'll never hear the end
of that awful cake!



THAT'S the pity of it—one poor cake often causes more talk than a dozen good ones! And baking failures so often happen when you most want to make a good impression!

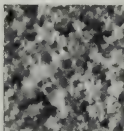
One fact you should realize is the importance of choosing the right baking powder. Any one can be more certain of success every time with dependable Royal.

You see Royal, made with Cream of Tartar, has a special "steady action" that is different from most baking powders. Royal begins its work the moment it is stirred in the batter. Thus the expansion of the batter is continuous and even. That is why Royal cakes are fine-grained...light...fluffy. Why they keep their delicious moistness and flavor longer.

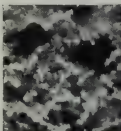
Many baking powders seem to have an explosive, uneven action. A greater part of the expansion is delayed until the cake is in the oven. Rising is often over-rapid. It may blow the batter full of large holes. Then the cake will be coarse...dry...crumbly.

See these actual photographs of cake, magnified, and the different results:

STEADY BAKING
POWDER ACTION



UNEVEN BAKING
POWDER ACTION



The cost? About 1¢ per baking buys the greater assurance Royal gives. The rest of your ingredients cost 30 to 40 times that much. Pure Cream of Tartar makes Royal cost more per can—but the difference per baking between Royal and ordinary baking powders is only a fraction of a cent!

Remember, Royal is the only nationally distributed baking powder made with wholesome Cream of Tartar—a product of fresh, luscious grapes. Cream of Tartar leaves no acrid "baking powder taste."

So ask your grocer for ROYAL. Use it whenever you bake. You'll agree it's well worth the difference in price.



ROYAL COOK
BOOK FREE

If you bake at home you should have a copy of the Royal Cook Book which tells you how to make delicious cakes, biscuits, muffins, pies, puddings and main dishes. Send your name and address to Royal Baking Powder, 691 Washington St., New York City, Dept. 102.

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COOKS' ROUND TABLE

of Endorsed Recipes*

*From 1939 to 1940



Meat Pies

Ambrosia Salad

"Minus the dressing, it doubles for dessert!"

- 2 bananas, sliced
- $\frac{3}{4}$ cup diced orange
- $\frac{1}{2}$ cup seedless grapes
- $\frac{1}{4}$ cup chopped dates

Combine ingredients; chill. Serve on crisp lettuce or arrange mounds of fruit in lettuce-lined bowl; sprinkle with lemon juice; center with coconut. Mix salad dressing with an equal amount of whipped cream; pass. Serves 4 to 6.—Mrs. W. Ross Lead, St. Elmo, Illinois.

Fruit Tower Salad

"A wife-saver when company pops in suddenly."

- 6 large peach halves
- 12 apricot halves
- 6 dates
- 6 lettuce cups
- 12 almond meats
- 6 whole canned figs

Arrange peach halves, cut side up, on crisp lettuce. Top with a fig and two apricot halves. Stuff dates with nut meats; place one on each salad. Serves 6. Serve with *Sweet Fruit Dressing*: Combine $\frac{1}{2}$ cup light corn sirup, 2 tablespoons unsweetened pineapple juice, 1 tablespoon vinegar, $\frac{1}{4}$ teaspoon salt, $\frac{1}{8}$ teaspoon mustard; beat thoroughly with rotary beater. Add $\frac{1}{2}$ cup salad oil, all at once, and beat rapidly 5 to 6 minutes. Add celery seed, if desired. Makes $\frac{1}{4}$ cups. Dressing becomes clear after standing overnight.—Mrs. Ruth M. Jenney, San Jose, California.

Black-Cherry Salad

"Makes much of a few luscious black beauties!"

- 1 No. 2 $\frac{1}{2}$ can (3 $\frac{1}{2}$ cups) pitted Bing cherries
- $\frac{1}{3}$ cup lemon juice
- 1 package orange-flavored gelatine
- $\frac{3}{4}$ cup chopped pecan meats
- 1 3-ounce bottle stuffed olives, sliced

Drain cherries; add water to cherry sirup and lemon juice to make $\frac{1}{4}$ cups liquid. Heat; pour over gelatine and stir until dissolved. Chill until partially set; add cherries, nut meats, and olives. Pour into individual molds; chill until firm. May be chilled in shallow pan and cut in squares. Serve on crisp lettuce with mayonnaise or salad dressing. Serves 6 to 8.—Mrs. George C. Mason, Madison, North Carolina.



Fedora Haver

Hamburger Pie

"Each fluffy potato peak marks a serving!"

- 1 medium-sized onion, chopped
- 2 tablespoons fat
- 1 pound ground beef
- Salt and pepper
- $\frac{1}{2}$ pound cooked green beans or 1 No. 2 can (2 $\frac{1}{2}$ cups), drained
- 1 10 $\frac{1}{2}$ -ounce can condensed tomato soup
- 5 medium-sized potatoes, cooked
- $\frac{1}{2}$ cup warm milk
- 1 beaten egg
- $\frac{1}{2}$ to 1 teaspoon salt
- $\frac{1}{2}$ teaspoon pepper

Brown onion in hot fat; add meat and seasonings; brown. Add beans and soup; pour into greased casserole. Mash potatoes; add milk, egg, and seasonings. Spoon to form mounds or spread over meat mixture. Bake in moderate oven (350°) 30 minutes. Serves 6.—Joy H., Fitzpatrick, Pottsville, Pennsylvania.

BETTER HOMES & GARDENS, FEBRUARY, 1940

Monday's Meat Pie

1/2 cup diced celery
1/2 cup diced onion
1/2 cup chopped green pepper
2 cups cubed left-over beef roast
Brown celery, onion, and green pepper in hot fat; add combined meat, potatoes, carrots, and peas. Add gravy and season to taste. Pour into casserole; top with bread cubes browned in butter. Bake in moderate oven (375°) 30 minutes. Serves 6.—*Mrs. John Dancy, Springfield, Ohio.*

Lamb Casserole

2 pounds lamb shoulder, cubed
2 cups water
Salt and pepper
1 bay leaf
1 clove garlic, chopped
1/2 cup pearl barley
2 carrots, cubed
2 onions, chopped
1 1/2 cups diced potatoes
1/2 cup diced celery
1 No. 1 can (2 cups) peas
1 teaspoon Worcestershire sauce
Flour lamb and brown in hot fat. Add water, seasonings, garlic, and barley; cover and cook almost tender. Add vegetables, except peas. Cook tender. Add remaining ingredients; pour into greased casserole. Bake in hot oven (400°) 15 minutes. Cover with *Butter Sauce*. Sift 2 cups flour, 1/2 teaspoon salt, and 2 teaspoons baking powder; add 3 tablespoons melted shortening, 1 cup milk, and 1 beaten egg. Bake 30 minutes. Serves 6 to 8.—*Mrs. J. P. Jones, Topeka, Kans.*

English Veal and Pork Pie

1/2 pound veal round, cubed
1/2 pound pork shoulder, cubed
1 1/2 cups boiling water
Salt and pepper
1 bay leaf
1 cup cooked, cubed carrots
1 cup cooked, cubed potatoes
1 cup cooked small onions
Brown meat in hot fat. Add water and seasonings; cover and cook tender. Remove bay leaf. Thick-
en stock. Add vegetables. Pour into casserole. Make lattice top of *Filly Pastry*. Sift 2 cups flour and 1/2 teaspoon salt; cut in 6 tablespoons short-
ening. Add 1/2 cup sour cream and 1 slightly beaten egg. Roll 1/4 inch thick; cut in 1/2-inch strips. Bake in hot oven (450°) 20 minutes. Serves 4.—*Mrs. Millicent Lundgren, Oakland, Calif.*

COOKS' ROUND TABLE
*REC. D. & PAT. OFF.
of Endorsed Recipes*

Fruit Salads



*Add nut-based sandwiches for an evening snack.

Frozen-Fruit Salad

1 tablespoon (1 envelope) unflavored gelatine
1/4 cup cold water
1 No. 1 can (2 cups) fruit cocktail
1/2 cup mayonnaise
1 cup heavy cream, whipped
1 3-ounce bottle marshmallow cherries
Soften gelatine in cold water; dissolve over hot water; cool. Add fruit cocktail with its syrup, and mayonnaise. Fold in whipped cream. Pour into automatic refrigerator trays. Dot with cut cherries. Freeze until just firm. This salad may be chilled until firm in individual molds or large mold instead of being frozen. Serves 6.—*Mrs. B. F. Duggan, West Palm Beach, Florida.*

Not only an excellent evening refreshment, Frozen-Fruit Salad is also a good dinner salad. Start with a spicy tomato bouillon; follow with roast-cho-lean, roasted potatoes, broccoli, a fish plate, Frozen-Fruit Salad, and chocolate-lution pie. Or serve the salad as a dessert and omit the pie.



THE BOYS ARE TALKING YET ABOUT SUE'S Double Mocha Chocolate Cake!

I made it rich and luscious
in Baker's Chocolate," Sue says

SUE'S A WIFE IN A MILLION. The boys always
welcome in our home, and nights we play
chile, Sue makes us a special treat.
ke that chocolate cake last night. The best
plate cake you ever tasted! Gee, did the boys
Sue a hand!

AT WAS IN IT to make it taste so good?" I
Sue this morning.

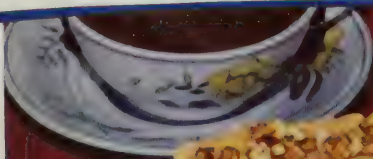
"It's a new recipe," says Sue. "Called Double
Mocha Chocolate Cake because there's coffee in
the cake and the frosting, too. But that rich choco-
late you rave about is due to the chocolate
I used. BAKER'S CHOCOLATE. It's so rich! Every-
one I make with it tastes extra grand."

"GIVE ME MY VOTE!" I said, giving Sue a hug. And
telling you ladies—if you're baking a cake
please the men in your family, you can't go
wrong with this recipe of Sue's!

Copyright, General Foods Corp., 1959



FOR YOUR CHOCOLATE DISHES why not
have the appetizing color and
smooth flavor which Baker's richness
Baker's has been tops in chocolate
since 1780. Look for the famous "Baker's
Chocolate Girl" on the label. Baker's
Chocolate is a product of General Foods.



DOUBLE MOCHA CHOCOLATE CAKE (2 eggs)

- 2 cups sifted Swans
Down Cake Flour
- $\frac{3}{4}$ teaspoon salt
- 1 teaspoon soda
- 4 squares Baker's Un-
sweetened Chocolate
- $\frac{1}{2}$ cup butter
- $\frac{1}{2}$ cup coffee syrup
- 2 cups sugar
- $\frac{3}{4}$ cup sour milk or buttermilk
- 2 teaspoons vanilla
- 2 eggs, unbeaten

To make coffee syrup—Bring $1\frac{1}{2}$ cups water and 3 table-
spoons sugar to a boil; add $\frac{1}{2}$ cup ground coffee. Remove
from fire, cover, and let stand 5 minutes. Strain through
double thickness of cheese cloth.

Sift flour once, measure, add salt and soda, and sift three
times. Combine chocolate, butter, and $\frac{1}{2}$ cup coffee syrup
in top of double boiler; place over boiling water and cook
until chocolate is melted, stirring constantly. Cool and add
sugar. Add flour and milk alternately in two parts, stirring
until blended. Add vanilla and eggs and beat 2 minutes. Bake
in two greased 9-inch layer pans in moderate oven (350° F.)
30 to 35 minutes. Spread Coffee Butter Frosting made
with remaining coffee syrup between layers and on top and
sides of cake. Decorate with a border of chopped pecans.

COFFEE BUTTER FROSTING

- $\frac{2}{3}$ cup butter
- 5 cups sifted confectioners' sugar
- 5 tablespoons coffee syrup (about)

Cream butter. Add part of sugar gradually, blending after each addi-
tion. Add remaining sugar, alternately with coffee syrup, until of
right consistency to spread. (All measurements are level)

COCOA, TOO! FOR EXTRA-RICH, SMOOTH FLAVOR, TASTE BAKER'S!

The quality of Baker's Cocoa has been famous
for generations. Since 1780 it has always been
the aristocrat, the luxury cocoa, of America.
Yet today this fine cocoa is far from luxury-
priced. The money you save by ordering
Baker's in the pound-size can makes it amaz-
ingly economical. Try Baker's Cocoa in the pound
can this week! Enjoy its delicious richness!



Free!

**GIVING A PARTY?
SEND FOR THIS SMART
NEW BOOK TODAY!**

Beautiful new "Party Book" of popu-
lar chocolate foods for every party
occasion on the calendar! 28 illus-
trated pages—50 recipes carefully
tested for you at our chocolate
headquarters. Yours free! Just mail
this coupon today to—GENERAL
FOODS, BATTLE CREEK, MICH.

Your name _____
Street _____
City _____ State _____

Listen to the women who use Pillsbury's Best

...then think to yourself: "Isn't it worth 1/2c more per recipe to get such baking satisfaction?"



I'VE BEEN MARRIED TWO YEARS NOW — AND NO BAKING FAILURES YET!

My mother and mother-in-law both use Pillsbury's Best, and so I started in with it when I was first married. Well, I haven't had a failure yet.

My husband loves the chocolate cake and lemon cream pie I bake. And I do quite a bit of experimenting with new recipes, too. For I know they'll come out right with Pillsbury's Best, and there won't be any failures to unbalance our food budget.

Mrs. Omer Walters
919 E. 78th St., Chicago, Ill.



I FOUND IT WAS CHEAPER TO STICK TO PILLSBURY'S BEST!

I was married in 1926; my first flour was Pillsbury's Best. In 1932, I changed to a cheaper flour. My cakes were terrible and my biscuits just weren't eaten at all. Needless to say, I changed back to Pillsbury's Best Flour. My cakes, biscuits and pies are a pleasure to look at, and I never worry about how they are coming out. I expect to be using Pillsbury's Best for the next 13 years.

Mrs. E. G. Carden
Box 955, Spencer, N. C.

AMERICA LIKES PILLSBURY'S BEST

HERE'S THE REASON: There is one outstanding difference between Pillsbury's Best and ordinary "one-wheat" flours. Pillsbury's Best is *not* made merely from one kind of wheat, which may work all right in one kind of baking but fail in another. Pillsbury's Best is made from a *blend* of finest wheats "balanced" to work perfectly in *all* bakings. No matter what you bake, Pillsbury's Best is *right*. It gives you:

- A** Biscuits with a rich, golden-brown crust . . . a smooth, creamy-white texture . . . a rich, delicate flavor.
- B** Unusually tender, flaky pastry.
- C** Cakes with a full, satisfying flavor . . . cakes that stay fresh a long time.
- D** Bread with a perfect, golden-brown crust . . . an even, delicate texture . . . and a wonderfully rich, wheaty flavor.

When you see for yourself how perfectly Pillsbury's Best works for *everything* you want to bake — when you find out how much money and trouble this fine flour can save you — you'll agree with the millions of women who say "We like Pillsbury's . . . **BEST!**"



I have always used Pillsbury's Best Flour and always shall. We have a small summer resort and I wish you could hear all the nice compliments I receive on my baked goods.

Mrs. David J. Allen
Big Fork, Minn.



Another woman's delicious rolls convinced me . . . that Pillsbury's Best.

Mrs. E. M. Altemueller
111 Corcoran St.
Durham, N. C.



I have baked with Pillsbury's Best ever since I was 8 years old!

Miss Peggy Hoffman
117 Waverly Avenue
Detroit, Michigan



I've tried other kinds, but only Pillsbury's Best was satisfactory!

Mrs. Robert Weesner
3398 Henderson Road
Cleveland, Ohio

I'M A BRIDE, BUT I'VE HAD NO BAKING FAILURES — AND I DON'T EXPECT ANY!



You see, my mother taught me how to bake — with Pillsbury's Best. And I don't have failures, and don't expect any. I bake just about everything . . . pies, cakes, rolls, biscuits, and cookies. And the splendid way that Pillsbury's Best is a real all-purpose flour. I think there would be fewer jokes about brides' baking if more girls started out with Pillsbury's Best.

Mrs. Clarence Bredenfoerder
4227 Harding Ave.
Cheviot, Ohio

Pillsbury's Best Flour

Pillsbury's
PANCAKE



Pillsbury's
PANCAKE FLOUR



Pillsbury's
BUCKWHEAT
PANCAKE FLOUR



Pillsbury's
BIC SHILLER
CAKE FLOUR



"Balanced"
for all baking

Hamburger Pie

Stumps the Experts . . .

Lands a Prize!

"WHAT'S in it? What's that swell, snappy flavor?"

Yes, ladies and gentlemen, you can stump the experts. In fact, Hamburger Pie, \$5 first prizewinner in the Contest for Meat Pies and Fruit Salads announced last August, called forth baffled cries from sundry tasters and testers. But if they couldn't all spot the elusive flavor (tomato soup's the answer), they did know that its author, Kay W. Fitzpatrick, of Pottsville, Pennsylvania, deserved top prize. You'll find Hamburger Pie as Dish of the Month, page 45.

Less puzzling but practically as luscious were the 20 next best contest dishes whose Honor Roll senders each receives a well-deserved dollar. A Lamb Pie boasts barley, English Veal and Pork Pie is staunchly British. Monday's Meat Pie does away with Sunday's roast. Frozen-Fruit Salad may be really frozen or just chilled. Black-Cherry Salad is a fine complement for a meat dinner. Fruit Tower Salad promises to be an emergency favorite. And Ambrosia Salad minus the dressing doubles for dessert. They're some of the best runners-up, located on pages 45 and 46.

Honor Roll

Mrs. F. W. Baumann, Washington, D. C.
Mrs. B. W. Beaman, Holyoke, Mass.
Mrs. E. C. Chittenden, Elgin, Ill.
Dorothy Denver, Oakland, Calif.
Mrs. John Downey, Springfield, Ohio
Mrs. B. F. Dudley, West Palm Beach, Fla.
Alice M. Fitzgerald, Clarkston, Ont., Can.
Mrs. Albert Fricke, Brenham, Tex.
Mrs. O. M. Hood, Clovis, N. Mex.
Mrs. J. P. Irons, Topeka, Kans.
Mrs. Ruth Jackman, Camby, Ind.
Mrs. Ruth M. Jenney, San Jose, Calif.
Mrs. W. Ross Leard, St. Elmo, Ill.
Theresa M. Lessmeister, Peru, Ill.
Mrs. Millicent Lundgren, Oakland, Calif.
Mrs. George C. Mason, Madison, N. C.
Mrs. Pearl Miller, The Plains, Ohio
Consuelo C. Noel, Carcar, Cebu, P. I.
Mrs. B. C. Philips, Washington, D. C.
Mrs. N. W. Tension, Grand Forks, N. Dak.

You Asked for It

"What about pickles?" you've chorused in your letters. And "How about a contest for chilled desserts?" So this month these two team up for our current culinary battle, with a \$5 first prize and twenty \$1 prizes for the most successful, practical, and delectable recipes submitted. There's no limit to what you may pickle. If it's "cukes" or gherkins, we'll take them whole, sliced, quartered, or halved; they may be sweet, sour, dill, or combined flavors. Tell

us everything you do, every ingredient you include, step by step.

By chilled desserts we mean any cold dessert that's not actually in the freezer class. There are all sorts and flavors of luscious Bavarians. There are parfaits, mousses, Spanish creams, refrigerator puddings, snow puddings, sponges, and a chilly host of others.

And remember, the winners of these 21 prizes, if they specify in their recipes one or more of the products advertised in this or in the first six issues of *Better Homes & Gardens*, will receive a package of each advertised product they mention, the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "February Pickle Recipe" or "February Chilled Dessert Recipe."

2. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.

3. Be sure to specify in your recipe the brand names of the nationally known food products you use as ingredients—products available everywhere.

4. Include 50 to 100 words about the history or origin of your recipe.

5. All recipes submitted become the property of *Better Homes & Gardens*.

6. Contest closes midnight, February 29.

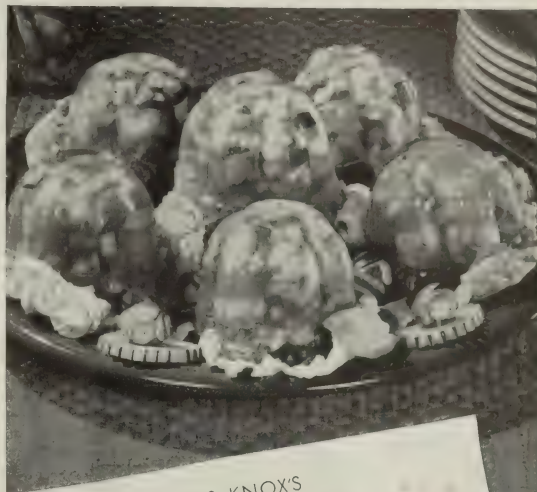
7. Address the recipes you enter to 6202 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines, Iowa.

There's Meat in Them Thar Pies!

INTRODUCING "Meat Pies With an Air," "Cooks' Round Table News" of the month, guaranteed to make husbands come promptly home and rich aunts will love you their all. For it send 4 cents in stamps to *Better Homes & Gardens*, 7602 Meredith Building, Des Moines, Iowa.

Here's the picture: Beefsteak-Kidney Pie tops off with a flaky crust; Mammy Marcy's Pork Pie is crowned with Sweet-Potato Biscuits; Quick Lamb Pie features yesterday's meat, and vegetable soup off the shelf; Pork Pie No. 2 wears a cap of mashed sweet potatoes; Veal Pie snuggles under feathery biscuits; Chef's Lamb Specialty boasts beets and beans inside, pimiento and chives in its overhead biscuits; Carolina Meat Pie assembles veal, ham, and vegetables with catsup for accent. Steak and Onion Pie doffs its pastry crust to real onion-lovers. All delicious assemblies.

TUNA TANGS for Lenten Lift



MRS. KNOX'S TUNA TANGS

(Serves 6)

1 envelope Knox Gelatine
1/4 cup cold water
3/4 cup hot water
1 tablespoonful lemon juice
or mild vinegar

1/2 teaspoonful paprika (if desired)
3/4 cup tuna fish, flaked
1/4 cup celery, cut small
1/4 cup cucumber or cucumber pickle
1 teaspoonful salt

Soften gelatine in cold water. Add hot water; stir until dissolved. Add salt, lemon juice, paprika. Cool. When mixture begins to congeal, add tuna fish, celery, cucumber. Mix thoroughly, pour into molds that have been rinsed in cold water. Chill and serve on lettuce. Garnish with Knox Non-Fattening Mayonnaise, if desired.

NOTE: Don't confuse Knox Gelatine with factory-flavored gelatine desserts which are about 85% sugar. Be sure to use pure Knox Gelatine.

AND ONLY 65 CALORIES PER SERVING

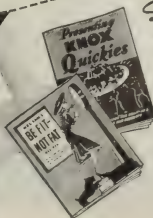
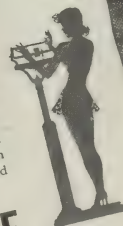
A portion of this zesty new fish dish averages only 65 calories. Yet it makes a substantial, satisfying main course. The secret is the new Knox recipes for dieters—in the Knox "Be Fit—Not Fat" booklet that's yours for the asking. Now you can have delicious, forbidden foods, with 1/2 to 2/3 less calories. Imagine pies, desserts, mayonnaise, butter, and hearty salads that won't send the scales zooming! Recipes for them all are in this booklet sent free to you. Clip the coupon and start clipping off the pounds!

KNOX GELATINE IS PLAIN UNFLAVORED GELATINE—NO SUGAR

Special FREE Offer Want to keep fit—avoid fat? Send for new diet principle and 30 streamlined recipes—all in the new Knox booklet "Be Fit—Not Fat" Limited edition, so mail coupon today for your copy! Also free, "Mrs. Knox's Quickies," a booklet of recipes that are remarkable timesavers. Knox Gelatine Company, Box 81, Johnstown, N.Y.

Name _____

Address _____



**I WAS AMAZED! ...
IT'S REALLY TRUE THAT
YOU DON'T HAVE
TO WASH DISHES
OR EMPTY GARBAGE
ANYMORE!**



GENERAL ELECTRIC ELECTRIC SINK

1. WASHES ALL THE DISHES!
2. DISPOSES OF ALL GARBAGE!



No woman likes to wash dishes or handle garbage, and thanks to G-E no one needs to do it any more. For the G-E Electric Sink does both jobs quicker and better than they can be done by hand. And the operating cost is but a few pennies a day. The G-E Electric Sink is quickly, easily installed in old or new kitchens, and may be purchased on an easy payment plan. See your G-E dealer or write for descriptive literature. General Electric Co., Dept. SG-0352, Bridgeport, Conn.



1. You merely scrape food waste off plates into sink drain, in the usual manner.

2. Scraped dishes are quickly, easily and safely stacked in the cabinet trays and do not move.

3. Cover is closed, the controls are turned and the job is done. Dishes dry in their own heat.

**YOU
DOSE
OF
GARBAGE
this
easy way**



Food wastes go down sink drain into Disposall where they are reduced to a pulp and washed away like waste water.

The G-E Electric Sink combines the well-known, time-tested G-E Dishwasher and the G-E Disposall into one attractive unit. Either Dishwasher or Disposall may be purchased separately, and on an easy payment plan.



Hundreds of satisfied users the country over can tell you of the speedy, efficient and thorough job the G-E Electric Sink does for either large or small families.

"It's Easy to Stay Young Electrically!!"

GENERAL ELECTRIC

House for Sale



Here are some ideas for the forgotten man and woman behind the "For Sale" sign—and also for those who don't want to sell

By Jan Thompson

YOU don't like your neighbors. The house is too small. The house is too large. Business is taking you to Siberia. Business is taking you to the poor house. For these reasons or for others, you put a price on your home which you never expect to get, and graft a "For Sale" sign to your favorite tree.

You are no longer a mere homeowner but a merchant as well.

A few hints of advice, then, from one who grew gray with house-hunting, despaired, built what we thought we'd been looking for, and then grew grayer selling.

FIRST hint—look prosperous. Besides making a more attractive article, it will discourage bargain thoughts in your customers. Start by giving your home as thoro a beauty treatment as you can afford.

A friend of mine painted her drab little house, that nobody noticed and nobody wanted, white-with-Periwinkle-shutters and sold it next week with offers to spare. However, if you can't afford an all-over treatment, paint the trim. And if your budget cringes at that, at least paint the front door. Paint it—if your house is ready for pert things—scrambled-egg yellow or Chinaman's red, and polish the brass knocker to a glowing welcome.

Place a pot of geraniums on each front step. And give the grounds that well-gardened look by keeping the walks and beds neatly edged, and the flowers without weed companions.

Advance inside. Remember—a few pennies brightly spent can not only delight the eye but also help it overlook aspects not quite so delightful. Fresh gingham in just-the-right-color looks richer than ragged brocade. Slip-covers of dress corduroy can look luxurious, cost only pennies, and bring back lost color schemes or start new ones. And, oh—what a can of paint can do for kitchens, closets, and furniture!

Of course, if you could, it would be nice to start with paint and paper. You could explain to your exchequer that you were only spending money in order to make more money—which would be sound

economics if you spent quite wisely.

If you feel at all wobbly about making wallpaper or paint decisions, call in a decorator who will more than earn her stipend by guiding you on the tasty side. The results will probably give you confidence to boost your price a few more notches. Ask her to help you arrange furniture, too, and hang pictures, and to suggest additions and subtractions here and there. A fresh viewpoint, you know, always helps. Your prospects are going to have fresh viewpoints. Dangerously fresh.

MAYBE that sounds like an unwarranted warning about the home that's been good enough for you to live in and breed in and entertain in, and that you're very fond of, and which many people have said looks just like you. (Think that one over, if you think it's a compliment.)

But the fact is, I'm afraid you may be a mite sentimental about some things which—tho they stood in your stead as a homemaker—may stand in your way as a merchant. Those knickknacks and souvenirs and family portraits that have accumulated on the mantelpiece, for example, and that you wouldn't dare move for fear of insulting the dear memory of an aunt or loved one.

But remember that your prospect will not be a visitor but a customer. He wants a home which answers his own needs, not a house littered with sentimental accumulations which not only leave him cold, but make him feel like an intruder as well.

Yes, unless you're very wise, you'd better hire a "fresh viewpoint" to help you discriminate between sentiment and taste.

BUT perhaps you may be able to supply your own perspective. Perhaps, without our even reminding you, you will try to make your house look as nearly like the model houses your customers have been gaping thru as possible. You will put away sentimental things. You will do everything you can to retrieve those lost color schemes, to make your house look sunnier and spacier. You will modernize your kitchen—in color scheme and cupboard order, if nothing else. You will remember that everyone appreciates and covets ample closet space. [Turn to page 52



LET'S TELL EVERYBODY

how we made our old home look like new!

Fine! But why not *show* 'em as well as tell 'em?

You mean — take people right through our house?

Sure. Then they can see for themselves how all those swell ideas of ours worked out.

Bill Andrews, you're nothing but a big showoff! Still — maybe people would like to see our house. Let's go. . . .



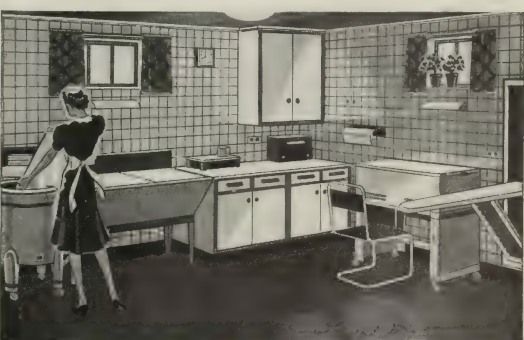
Here's how we made over the bathroom, complete with powder nook, built-in shower, square tub and all the rest. You'd be surprised how little those tile-like walls cost us. You see, they're Masonite Presdwood Temptrile . . . an all-wood, moisture-resisting board with marble-smooth surface that can be painted any color you want.



Just look at those fresh kitchen walls! They're Presdwood Temptrile below with Tempered Presdwood above. Both boards are so easy to keep clean just by wiping down with a damp cloth; and they don't absorb cooking odors, either. And notice that those built-in cabinets and sink tops are made of Tempered Presdwood too . . . another moisture-resisting Masonite product.



Right under the stairs on the first floor we found room for this smart lavatory and used Presdwood Temptrile for the wainscoting. Because Temptrile is all-wood and grainless, it can be cut or sawed to *any* size or shape, and it makes a neat finished job. Notice how snugly it goes around the shelves for cosmetics in the powder nook.



And — the laundry! Spick and span with Presdwood Temptrile walls all around. Temptrile is ideal here because it isn't affected by steam or dampness; and it doesn't chip, split or crack. And it won't warp, either, when it's properly applied. I'll bet there are lots of places in *your* house where Masonite Presdwood Temptrile would be useful.

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MASONITE PRESDWOOD TEMPTRILE

THE WONDER WOOD OF A THOUSAND USES • SOLD BY LUMBER DEALERS EVERYWHERE

MASONITE CORPORATION, Dept. BH-5, 111 West Washington Street, Chicago, Illinois

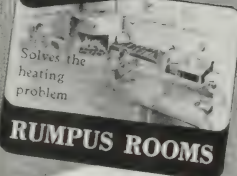
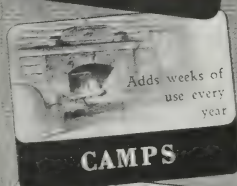
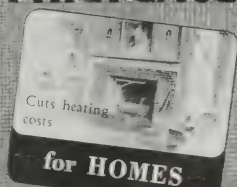
☐ Please send me FREE sample and more information about Masonite Presdwood Temptrile for new and remodeled homes

Name

Address

City State

HEATILATOR FIREPLACE



It is
More than just a
FIREPLACE!
Circulates Heat

The Heatilator Fireplace is more than just a fireplace because it provides comfort and economy that no old-fashioned fireplace can give. It actually circulates heat—warms every corner of the room and even adjoining rooms. By constantly circulating freshly warmed air, it assures more comfortable temperatures and warmer floors. Thousands of home and camp owners all over America have proved the Heatilator Fireplace under all conditions.

Cuts Fuel Costs

The Heatilator Fireplace warms the air in the room so thoroughly and uniformly that owners use it in place of wasteful furnace fires during chilly fall and spring days. That means weeks cut from the furnace season and dollars cut from heating bills.

Will Not Smoke

Concealed inside the masonry, the Heatilator is a double-walled steel form around which any style of fireplace is correctly built. It eliminates faults of design that commonly cause smoking. Simplifies construction and saves materials, adding but little to fireplace cost.

WRITE TODAY
for free folder.

HEATILATOR CO.
422 E. Bruchton Ave.
Syracuse, N. Y.



HEATILATOR
Fireplace

House for Sale

[Begins on page 50]

And even if your closets aren't ample, you can make them enviable by the simple inexpensive means of paint and accessories.

Take that margin of hooks out of your closets, too—which, with their layers of shirts, nightgowns, trousers, and all, clutter a closet and make it embarrassingly personal. In short, you will try to convey the impression that housekeeping here is not only a cinch but a pleasure.

HOWEVER, even a model house isn't always ready for inspection. If possible, we never showed our house except by appointment. In this way, we were never caught with our beds down, or any of those little details askew which are sure to catch the disdainful eye of the "prospect," and linger in his memory—alas—far longer than the house itself.

Not that we are last-minute housekeepers. But we primed our house for a prospect just as we have perfected our personal grooming if John was bringing the boss home to dinner.

In selling our home, we developed a lightning regimentation rivaled only by chorines and firemen. The phone rings; the real estate agent gives us two hours. I signal to my daughter, who—before the receiver has clicked—is out in the yard with the lawnmower singing before her. Perhaps she will have time, too, to run the hoe over the more conspicuous parts of the garden—if not, a light hosing will make the earth look rich and the vegetation lush.

Next, she snips thru the garden with knowing shears. Because the hall is skimpily furnished with an unprosperous-looking love-seat, we've learned to center our visitor's first impression on a large copper bowl, placed on the floor and filled with long branches of laurel or bright-berried mountain ash.

BECAUSE the living-room is not as sunny as we (or Mr. Prospect) might wish, we provide the synthetic sunshine of orange and yellow flowers—placing them boldly, but not so profusely as to look like "opening night" or to raise our visitors' suspicions. Because I have an unerring lack of directional sense, the dining-room is situated where the sun never falls, so we use seasonal stratagems to keep our guests admiring the interior of the room. And so on thruout the house—Becky Sharp, Jr., arranges flowers.

With daughter on floral duty, I'm successively manning a mop, a carpet sweeper, a floor waxer, and a dust cloth. Newspapers, sewing, hobby work, and dogs are clapped into prefixed hiding places. All cooking is ceased and the ventilating fan is whirring to carry off the slightest culinary whiff. (Beware that your prospect doesn't confuse the memory of your house with the aroma of steaming cabbage.) Beds are smoothed, rooms immaculate—and that goes for dressing-table tops, too. Pillows are plumped, and the magazines with just-that-dash-of-color are "casually" scattered.

My daughter tries not to look as I clear her stack of music off the

Can you pass this Insulation Quiz?



Q. Why are some kinds of insulation more efficient than others?

A. Because some contain more dead air cells than others. Eagle Insulation is a fire-resistant mineral wool with millions of dead air cells. Applied in 4-inch thickness, it stops heat and cold more effectively than a 12-foot concrete wall.

Q. Why is Eagle Insulation such a thrifty investment?

A. Because it cuts fuel bills as much as 40%! Soon repays cost of installation.

Q. Does it cost much to have Eagle Insulation installed?

A. Cost is surprisingly low. Eagle Insulation is blown into hollow walls and attic floor with no building alterations.

Q. What is the best way to compare insulations to determine which is best buy?

A. Use the check list of "comparative insulation values"... nine points to watch if you want maximum comfort. Found on page 9 of new booklet, "It's Different." Send coupon for free copy.

Made by the makers of Eagle Pure White Lead—for all fine painting

EAGLE INSULATION for homes

FREE BOOKLET—MAIL COUPON
The Eagle-Purcell Lead Company
Dept. B-1-2, Cincinnati, Ohio
Please send me new free booklet, "Eagle Insulation—It's Different." I am interested in insulation for ☐ my present home; ☐ new home.

Name _____
Address _____
City _____ State _____
There is an Eagle Insulation Quality Contractor near you. See your Telephone Directory.

piano—hiding her drab-bound Beethoven and prostituting the music rack with a volume of music she wouldn't be heard dead playing but which is bound in lovely blue-green.

If the weather affords any excuse whatever, we have a fire crackling on the hearth. A fire is an irresistible force, calculated to seduce the most immovable prospect.

IF THE SUN is hampered by dusk, clouds, or rain, we capitalize the shadows to play upon man's lamp-loving instinct. The lamp over the large comfortable chair should coax Mr. Prospect to sit down and feel possessive. A soft lamp and flowers-in-the-background pay compliments to Mrs. Prospect, who will be reluctant to leave such a flattering setting.

When the stage is set and the house is as irresistible as time, taste, and fortune will allow, my daughter's last duty is to clear all non-combatants from the field. She means herself and her grandmother. (You may have the problem of children or old-maid aunts.) This was her own idea. In our house-hunting days she had been annoyed to find too many members of the household at home. It was embarrassing to consider a room with its inmate there—confusing the issue with his conversation and the view with his bulk. The house, then, is to be virtually unoccupied so that the prospects may imagine themselves owners instead of intruders.

RECALLING, with a shudder, the array of gushing, apologizing, compliment-coaxing women who had led to thrur their homes under the impression that they were "selling," I would advise most housewives to join the family exodus at prospect-time. Years of business experience I thought, entitled me to sell my own house, tho I always vanished or made myself small and silent whenever a real estate agent accompanied the guests.

Now, I'm not guaranteeing that by taking all these stratagems to hearth, you'll sell your house to your first prospect. There will be the young couple in the second-hand car whose top bid doesn't come knee-high to your lowest consideration.

There will be Mrs. Newpenny who regards your Early American atmosphere as unsympathetic to her dreams of herself against a satin and lace background.

THERE will be the two women with nothing to do for an afternoon but waste their time, the agent's time, and yours.

And there will be the prospect who is on the fence.

Our prospect sat on the fence so long he could have declared squatter's right if he'd considered it any investment. What knocked him off his precarious perch was—Christmas.

Now, if a man wants to display all those generous and homely sentiments that Christmas kindles by putting a house in his wife's stocking—well, it was worth a try. "My daughter is giving a Christmas party—thought you might like to see the house in its Christmas dress," I phoned. And he came.

The house could have posed for Christmas cards. [Turn to page 69

THE MOST SENSATIONAL HEATING ADVERTISEMENT EVER PUBLISHED

*Who's Right?
She's Right!
Why?*



Says he, "A shivering 68° is the right home temperature, I've heard."



Phooey! I say 75°. It's healthy to be comfortable and I'm chilly at 68°.



IT'S HEALTHY TO BE COMFORTABLE

Why put up with chilly rooms and cold floors, when you can have all the heat you need for comfort; have it at low cost and with practically no work? Why, for years, have American people fallen for the idea that their homes should be uncomfortably chilly to be healthful? Why have you been told to regulate your fire by a thermostat generally placed in the warmest spot in the house—often where the heat from your fireplace, radiator or register hits it directly?

How can you be warm, healthy and comfortable in the rest of your house when the warmest spot is too cold for most people? You cannot! You have not been comfortable! Perhaps right now several of your rooms are slightly uncomfortable. Your floors may be cold. The whole house may become uncomfortably cold early every

evening in order to save on high-priced fuel.

Is This Why You Have Suffered From Chilly Rooms?

"Why have you been urged to suffer discomfort from a chilly house?" Well, fuels cost money. Some cost more, much more than others. Heating a home uses fuel. The less you heat your house, the less fuel you burn. The colder you are, the smaller your fuel bill. That is true with any fuel. Doesn't it seem reasonable that high-priced fuels are interested in keeping you uncomfortably chilly so that their costs will not run so high you cannot afford to use them? Are these the reasons you've been told to keep your home at a temperature that feels chilly to most folks? Are you shivering to keep down the cost of heating your home with high-priced fuel?

Why Should You Suffer So Someone Can Sell You High-Priced Fuel?

Why should you suffer so that high-priced fuels can show comparatively low consumption? Why should you shiver during cold spells because it costs so much to keep your house heated? You don't have to. Banish 68° to the hours when you are working hard. Have all the heat you want to keep you comfortable—and when you are comfortable, you are on the right road to healthy, happy living. With bituminous coal or coke—the Universal Low-Cost Fuels—you can have all the heat you want and it will cost you very little compared with the comfort you enjoy. You can have an automatic stoker that will keep your furnace going without any shoveling—and at low cost.

You can have a clean basement and clean walls. In fact, with modernly prepared bituminous coal in a modern installation, you can have the convenience and the comfort of all the heat you want at a cost so low it will astonish you.

If you are planning to build a new home, remodel a house already built, or modernize your heating plant, send for our free booklet, "Unmasking the Great American Delusion That 'You Have to Be Cold to Be Comfortable'" which tells you why it's healthy to be comfortable and smart to be warm at low cost. Use the handy coupon today.

IT'S HEALTHY TO BE COMFORTABLE • TREAT YOURSELF TO PLENTY OF HEAT THIS WINTER

BURN BITUMINOUS COAL OR COKE

the Universal Low Cost Fuels

Just cut me out, paste me on a postcard or a letterhead and mail me to:

NATIONAL COAL ASSOCIATION

804 SOUTHERN BLDG.
WASHINGTON, D. C.

307 N. MICHIGAN AVE.
CHICAGO, ILLINOIS

I'll get you facts about heating that will astonish you.

Name

Street

City State





**"It cleans so thoroughly...
leaves no trace of odor!"**

WHAT are the qualities you should have in a cleanser for your refrigerator?

First, it should be *thorough*. Second, it should be *odorless*. Finally, it should *not* leave scratches to catch dirt and germs.

Bon Ami combines all three of these advantages for you. For it contains no smelly caustics, no gritty ingredients. Yet it cleans as quickly, as completely as any cleanser you could wish for... and in addition *polishes* as it cleans!

Try Bon Ami. You'll like the way it keeps your refrigerator sweet-smelling, sanitary and shining like new inside and out.

Bon Ami
the quick, safe
all-purpose cleanser



IS IT TRUE that bathtubs, kitchen sinks and refrigerators grow harder to clean as they grow old?

YES—if you use a cleanser that scratches porcelain... makes it catch and hold dirt.

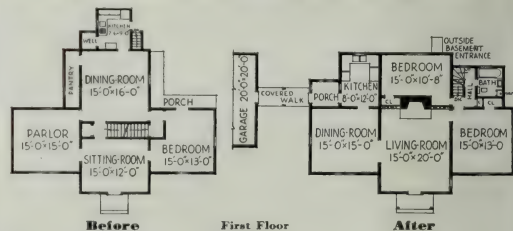
FROM NOW ON protect your costly kitchen and bathroom fixtures with Bon Ami, the thorough, quick-working cleanser that "hasn't scratched yet!"



Before: People said in wonder, "Lamers are going to live there?"



After: It cost about two thirds the price of a new home



KANSAS was just a rip-snortin' young-un of a state in the late sixties when old Doctor Crow's buckboard rolled into the town of Iola and he hopped off and built the old house pictured above. At that time the gold spike that finished the first transcontinental railroad hadn't even been driven.

After the old doctor died his daughter took over until 12 or 13 years ago, and after she left, the place stood empty, a kind of tumbling-down old landmark known as the old Crow house. All the kids whispered it was haunted.

So maybe you can imagine how people talked when it got around

town that the Guy Lamers, who already had a modern bungalow, had bought the old place and were going to live there. It did look kind of funny at that. But not when you understood the Lamers. They visited Williamsburg, Virginia, famous for its restoration, four years ago, and they've been mentally restoring every old house they've seen ever since.

And that's how they happened to go after the old Crow house.

They're pretty proud of their undertaking, they'll tell you. "We figure it cost us about two thirds the price of a new home but that we have a new place so far as upkeep goes, plus extras that don't go with a

Hurt

By John Normile

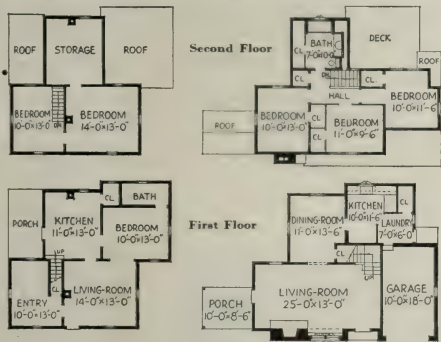
Better Homes & Gardens' Architect-Editor



Before: Old frame was changed little, as this and plans show



After: Almost new house without cost of one—an amazing change



new house—a rustic old well with an oak bucket just outside the kitchen door, century-old trees in front—niceties like that.”

The Lamers worked up their own changes, the lumber company helped with blueprints, and a local contractor, John Griffith, did the work.

Example No. 2: By comparison with the old Crow house, this second

place, now the modern home of Mr. and Mrs. Ernest Morris, Winfield, Kansas, was pretty much of an upstart—it was built along in the early nineties. Still, that makes it rather old, and the only remodeling that had been done in the intervening years was a bathroom added sometime in Taft's administration, not much of a bathroom at that.

Mrs. Morris teaches [Turn to page 59]

Heavy Date
...BUT LOOK AT MY NOSE!



GRACIOUS, HELEN YOUR NOSE IS RED AS A STOPLIGHT! WHAT'S WRONG?

THAT'S WHAT A COLD DOES TO ME... RAW RED NOSE AND DOTENS OF HANKIES TO WASH.



SILLY! DON'T YOU KNOW KLEENEX TISSUES ARE SOFT AND EASY ON YOUR NOSE DURING COLDS? KLEENEX ENDS WASHING, TOO!

I'LL TRY ANYTHING... WHY I'LL DIE IF I'M NOT AT MY BEST FOR PROM!



PROM NIGHT

....AND WHAT REALLY GOT ME, HELEN, WAS YOUR CUTE PUG-NOSE.

YOU MEAN I WON BY A NOSE.

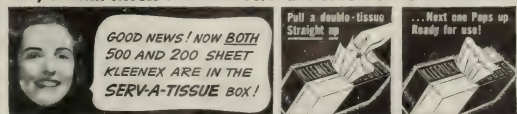
THANKS TO SOFT-SOOTHING KLEENEX!



● During colds especially, Kleenex soothes your nose, saves money, reduces handkerchief washing. Use each tissue once—then destroy, germs and all.

Adopt the habit of using Kleenex! Now both 500-sheet and 200-sheet Kleenex come in the Serv-a-Tissue box that ends waste and mess. Keep a package in every room in your home, one in your office, another in your car.

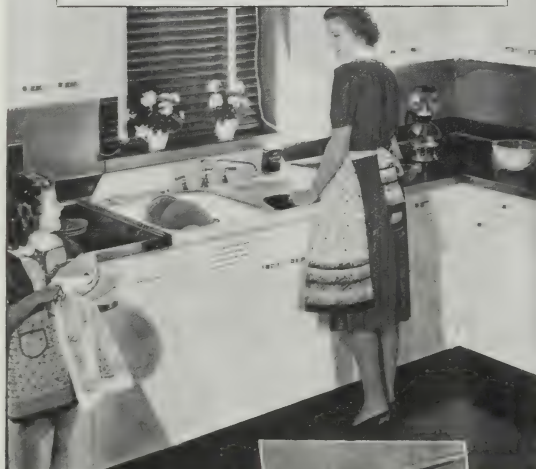
Only KLEENEX TISSUES have the Serv-a-Tissue Box to end waste!



ADOPT THE KLEENEX HABIT!

KLEENEX® DISPOSABLE TISSUES (® Trade Mark Reg. U. S. Pat. Off.)

Your after-dinner clean-up need not be A DAILY CHORE



When dinner's over and sky-scrapers of dishes, pots and pans, and a general hurly-burly confront you, why make the job harder than necessary?

A Kohler kitchen will get you back in the living-room quicker, make evenings longer, pleasanter. For Kohler kitchen sinks are planned to help you.

Large enameled cast-iron sinks with deep compartments, roomy cabinets and drawers . . . adjoining cabinet tables . . . metal wall cabinets . . . all these put pots, pans, dishes, soap, cleanser, dish mop, waste-basket at your fingertips. It's easier to prepare meals; easier to clean up afterwards—quicker too!

Kohler's planned kitchen fixtures will delight you. Before you build or remodel, visit your Master Plumber. And remember, Kohler quality is always a good investment. Kohler Co. Founded 1873. Kohler, Wisconsin.



DEEP SINK COMPARTMENTS: disappearing hose spray for rinsing; wide ledge for soap, cleanser; long spout that reaches far over the sink; roomy cabinets. No matter what price you choose, Kohler quality remains the same.



A MATCHED BATHROOM from the hands of skilled artisans in Kohler Village is a joy to own. Beautiful Kohler luster-finish, useful surfaces, matched designs. In the famous Kohler white or choice of Kohler colors.

WRITE FOR FREE BOOKLET

FREE!



KOHLER OF KOHLER

PLANNED PLUMBING AND HEATING

KOHLER CO., Dept. 2-G-2, Kohler, Wis.

Please send me your beautiful 24-page booklet, in 4 handsome colors, containing new plans and color schemes for bathrooms and kitchens.

☐ I PLAN TO BUILD

☐ I PLAN TO REMODEL

Name _____

Address _____

Highlights of Hickory Lane

[Begins on page 24]

This dressing table built into the wall to utilize waste space under the roof is a bright idea anyone can use in his new home—and in remodeling, too. Note how the door continues the panel design begun downstairs



A book-lover's paradise, these shelves in the Dimock home. More than any other decorative feature except the fireplace, they make for a friendly, intimate, and personal room



Makes Little Lots Big: Houses on the south side of the lane back up to a story-book setting. Framed by gnarled old apple trees 25 feet high and 40 wide are bays, loggias, gables, and dormers. At no point can you see a gaunt house. You would hardly be surprised to see fawns strolling about. Idyllic as it is to have the apple trees, the effect would be different had there been definite boundaries. For instead of every home flourishing in an orchard, each would have been confined to a yard shaded by a tree or two. Actually the plot of ground for each home is small in square-foot area, but in effect the homes are generously surrounded by play space and greenery.

Children and dogs? Of course.

They all have a fine co-operative time. There may be some social significance to dispensing with fences. How can these youngsters but grow up into co-operative citizens, accustomed as they are to respecting the rights of others, and profiting in turn by enjoying greater freedom of movement!

But now let's look at some of the houses.

Home No. 1: There are so many features about this home of the A. R. Grinnells that it's hard to know where to begin and stop. The front facade is beautifully designed. There is a white birch to the right of the walk, a willow to the left, a low forecourt wall beyond, and apple trees in the background.

There are both double-hung sash and casement windows, and the two types get along famously. And that's an idea for you—use casement windows in dormers and small windows because the whole window swings out and lets in more air than the double-hung sash type.



Snuggled in between the house and garage of the Dimock home is this screened triple-duty loggia: it covers passage to the garage; it's ideal for summer breakfasts and dining; it's an unbeatable cool summer living-room

If not
'REGULAR'

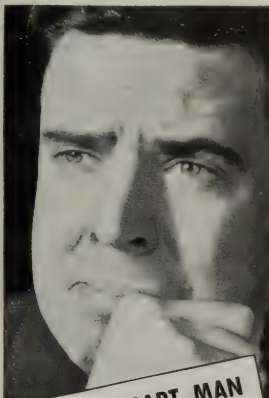
TRY

**LEMON
& SODA**

First or last thing daily. Juice of 1 Sunkist
Lemon and $\frac{1}{2}$ tsp. baking soda in tall glass
half full of water. Drink as foaming subsides.
FOR FULL DETAILS SEE PAGE 70.

HAVE YOU AN OLD CHAIR?

Restore old chairs to usefulness. Refinish and Reupholster them in
Home Easy, inexpensive, interesting. Choose for every room.
We furnish instructions and all materials. SEND FOR COMPLETE
SEAT WEAVING INSTRUCTION BOOKLET & PRICE LIST—
H. H. PERKINS COMPANY 272 Station Ave., New Haven, Conn.



**"FOR A SMART MAN
I'M PRETTY DUMB"**

"I never realized this until
too late—every fire insurance policy
states that a complete list of destroyed
and damaged property must be sup-
plied before insurance can be paid. I
had insurance, but the fire we had
caught me way off base. It's too late
now to make a complete list for insur-
ance settlement.

"It would have been easy for me or
my wife to make that list *before* we
had a fire. There's even a helpful book-
let that lists things, room by room, and
helps you remember ar-
ticles that you might forget.
The book is free. I
hope other families will
be smarter than we were
and get one of these books
before it's too late!"

MAIL THE COUPON

THE AMERICAN INSURANCE GROUP (Dept 1621)
15 Washington St.
Newark, N. J.

Without charge or obligation, please send
me your Household Inventory Booklet.

Name _____

Street _____

City _____

State _____

The plan is noteworthy in that all
rooms except the octagonal dining-
room have at least two exposures.
The living-room has three. The hall
is ingeniously managed whereby the
main part frames the stairs as you
enter, while to the left are coat closet
and an arched opening to the bed-
room, bathroom, basement stairs,
and the desirably U-shaped kitchen.

Home No. 2: It's difficult to see how
the materials for the exterior of the
George Highberg home could be
combined to greater advantage. At
the same time one material makes
for variety, it also contributes to the
over-all harmonious quality which
makes an instant appeal.

Plain wood pilasters at the ends of
the brickwork form a good transi-
tion for the shingled walls—another
useful idea when you build. The
smooth surface of the pilasters is
continued in the wide frieze above
the brick, and recalled in the front
fades of the dormers. The dormers,
with their curved roofs, relieve the
severity of the main roof. Around to
the right rambles the laundry.

The plan in large measure is based
on the old Connecticut Colonial
fondness for a compact hall with
stairs opposite the door and the
central chimney behind it. Toward
the rear of the stairs is a room which
can serve four uses: library, guest
room, children's playroom, or maid's
room. On the second floor the large
bedroom is entered thru a sewing or
dressing room. As in the other homes,
the bathroom is directly accessible
from the main bedroom as well as
from the hall.

Home No. 3: This, the Stanley
Dimock home, is an excellent
example of how, with adroit handling,
the simplest means can be used to
obtain the maximum effect. The ex-
terior honestly expresses what is
most useful in the interior. Brick
painted white extends up to the
eaves. The gables are of white siding.
The only actual "ornamentation" is
the front door trim and shutters. Yet
in a larger sense the proportion of
plain wall surfaces to window open-
ings, and plain roof area to dormers,
is all decorative.

There are plenty of ideas for you
in the plan. All rooms have two ex-
posures except the living-room,
which claims three. Entering the
hall, a mealtime visitor doesn't dis-
turb the family in the dining-room.
Again there is the highly commend-
able plan of living- and dining-rooms
adjoining, and not being separated
by a hall. The first-floor guest room
is so well planned that it can be
turned into a book room, a study, or
used as a maid's room. Of impor-
tance, too, is the hall plan, which per-
mits going to or from the living-
room to the garage without passing
thru the kitchen. The second floor
economizes on hall space, provides a
central bath, and devises unex-
pectedly pleasing details such as the
dressing table pictured.

Today's Good Thought: There the
space for only three of these Hick-
ory Lane homes, the others are
equally individual. No man seeing
them can say planned communities
are inevitably stereotyped, that they
don't suggest a way toward better
communities and a better America.

YOU WOULDN'T BE TALKED INTO BUYING AN OVERCOAT THAT DIDN'T FIT



IN HOME INSULATION, TOO— IT'S THE "FIT" THAT COUNTS!

Don't be "skimped" . . . You can
have Johns-Manville Rock Wool
PROPERLY installed for as little as—

**\$6.60
A MONTH**
NO DOWN PAYMENT

OF COURSE, the material
you pick for an overcoat
or for insulating your present
home is important . . . but
workmanship and fit are im-
portant also!

To Johns-Manville it is not
enough to use one of the most
efficient insulating materials
known—fireproof Rock Wool
—many times more effective than
thinner materials. The installa-
tion must also be honest, com-
plete and thorough down to the
last dormer-window corner.
This attention to detail must
apply whether the job is for the
entire house or the attic alone.

When you consider that a
good insulation job pays for it-
self out of fuel savings anyway,
why not buy a scientific job
that will give you more com-
fort right away—save more fuel
—pay for itself faster?

J-M Insulation contractors
are all trained men. Before you
buy, they specify in WRITING

exactly what will be done to
make your insulation job
100%. They have insulated
over 200,000 homes in the last
ten years. Rely on your local
J-M contractor for a fair price
—a thorough insulation job.



Here is What Happens in a "Skimped"
Job: Note voids . . . "Leaks," incom-
plete insulation will cause cold spots.
A J-M job is complete in every detail—
J-M Rock Wool is "blown" to the ex-
act, efficient firmness that helps keep
winter heat IN and summer heat OUT.

Send for Free Book, "Comfort that Pays for Itself." Tells how J-M Home
Insulation reduces fuel bills up to 30%—makes houses up to 5° cooler on
hottest summer days . . . Find out what it will do for you.

COUPON BRINGS YOU
FREE BOOK

Mail this Coupon . . . NOW!

Johns-Manville, Dept. BHG-2, 22 E. 40th St., New York
Send me FREE illustrated book telling the amazing
story of J-M Rock Wool Home Insulation.

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Address _____

City _____

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To help us serve you better, please check whether
you plan insulating—

☐ new house ☐ present home



JOHNS-MANVILLE HOME INSULATION

(See advertisement on page 72 in this magazine
for information on J-M Insulation for new homes.)

FACE COLDS WITH MORE CONFIDENCE!



RIGHT IN YOUR OWN MEDICINE CABINET..

You Probably Have The Very Medications You Need For This Clinic-Tested Plan That

CUT SICKNESS FROM COLDS 54%

CUT SCHOOL ABSENCES DUE TO COLDS 77%

You are probably one of the millions of American mothers who can home-prove this clinic-tested Plan—without going out and spending a penny.

For the very medications used so successfully in these clinical tests of Vicks Plan are doubtless in your medicine cabinet right now. And the Plan is so simple—just a few rules of hygiene and the use of Vicks Va-tro-nol and Vicks VapoRub whenever needed.

So why not give it a thorough trial. What a blessing if your children's sickness and time lost due to colds were

cut in half this winter, just as in these clinical tests on 2,650 children! Of course Vicks Plan may not do as much in your case. On the other hand, it may do even more. But certainly a Plan so thoroughly tested is worth a trial.

Always keep stocked up with both Va-tro-nol and VapoRub—look in the packages for full details of Vicks Plan—and be sure to follow this simple home guide that helps you face colds with more confidence.

How to Use Va-tro-nol and VapoRub—Essential Parts of Vicks Plan



WHEN COLDS THREATEN

Mothers everywhere have confidence in this quick simple treatment to help keep many colds from developing. At the first sneeze, sniffle, or sign of nasal irritation, put a few drops of Vicks VA-TRO-NOL up each nostril. It is a specialized medication, expressly designed for the nasal passages—where most colds start. You can feel the tingle as it goes to work, stimulating Nature's defenses to prevent colds from developing—

to throw them off in their early stages.

VICKS VA-TRO-NOL



IF A COLD STRIKES

This external poultice-vapor treatment is famous for swiftly relieving discomforts of a developed cold—clogged-up breathing passages, coughing, phlegm, muscular soreness and tightness. You simply massage Vicks VAPORUB on throat, chest, and back at bedtime—there's no dosing. VapoRub works 2 ways at once—stimulating like a poultice, and giving off vapors that are breathed into the air passages—bringing comfort and inviting restful sleep.

VICKS VAPORUB

The Finishing Touches That Count

[Begins on page 22]

But watch out for these color shocks. If they're just spots of brilliancy scattered indiscriminately, they'll give your room a variegated rash. Any strong color should be repeated somewhere else in the room.

Let's take an instance. Suppose you plan coral and white as your accent notes for accessories. You can't just drop a coral vase here and a pair of white lamps there and expect any sense of rhythm. You must already have established those same lively tones in the background or furnishings of the room. The coral may edge your draperies or your slip-cover, the white may be repeated across the room from the lamps, in ash tray or mantel garniture. Both might be a part of a floral wall-print or a mosaic cigaret box. The big thing to remember—unless you want all eyes attracted to one point of interest, scatter the attention by repetition.

Accessories may be merely decorative or they may be both decorative and useful. Place them accordingly. Don't think of them as units but as parts of a group. Choose pictures in relation to the wall space they're to occupy, lamps in relation to the accompanying table.

Which Lamps? The height of a lamp's base depends not only on its shade and its table, but on the distance you wish its light to be cast. In your November issue you'll find many lamp suggestions. The higher the lamp, the greater the area covered with light. Fat, squatly bases that bulge beyond the confines of a narrow rectangular table are out of proportion. And a thin, reedy stem seems hollow-chested when associated with a sturdy oak piece. Mix shapes, if you like, when pairing lamps with tables, but be certain the proportions are pleasing. A lamp shade is just as important as its base. If it's too small, it seems to perch on top of the lamp's head; if too large, it comes down over its eyes. It should be deep enough to cover the bulbs well. Light tints, cream, white, and parchment are best for reading purposes. Avoid light blue and green transparent shades, for they cast a glow that's most unflattering to your skin. Keep your lamp shades simple except in the bedroom.

Which Pictures and Where? A heavy oil painting handsomely framed, a pair of black and white etchings, and a pastel water color form an unhappy foursome on any wall. First of all, choose pictures you really enjoy, then hang them in company with other pictures with mediums similar enough so that one doesn't rob the other. If you use etchings, water colors, and oils in the same room, separate them. You'll generally gain a better effect if you'll stick to just one or two of the major mediums. Hang your pictures and mirrors flat against the wall, concealing their hangings. If you find it necessary to resort to supporting wires because of the size of the picture or the material of the wall, use two parallel wires for each

picture. Never let the wires and picture form a triangle.

The eye level of the average-height person should come to about the middle of the picture. Of course, not all your pictures need be hung at just that height, but it's a good general rule to follow. In grouping pictures, the line of direction should lead to the center. Two pictures used as a pair should be placed close together and if possible framed alike or nearly so. Three in a group may be spaced a little farther apart. If you're hanging a pair of silhouettes, face them toward each other in friendly fashion, instead of unsocially back to back.

Mirrors Reflect Loveliness: As with pictures, the frame of your mirror, if it has one, is important enough to be in tune with the character of the room. (See photograph at bottom of page 23.) Mirrors are most effective when hung where they will catch the light, and low enough to reflect the opposite wall. If not, they're cold, and a picture would be a better choice. A mirror over a table or chest should be placed close enough so that they seem related. If the mirror is too small for the chest or table (and this goes for pictures, too), add a pair of brackets or small pictures, one on either side, to balance the space. Mirrors without frames, except the beautiful old Venetian ones or their reproductions, are usually



Accessories in china and quaint prints can play an important part in decorating the dining end of a living-room

modern in feeling. Yet they'll often fit into a period interior, especially a large one, when placed over a mantel. Frames, however, tend to soften the effect, and when used with smaller mirrors are frequently better for period rooms, especially those carried out in the Provincial style.

Pillow With Care: Go sparingly with pillows. It's no longer the order of the day to pile a dozen on your sofa. You might want to sit there yourself. Shun the fancy ones. Instead try a pair of tailored boxed pillows, of whatever shape desired, for an added color note and increased comfort.

Safer SEWAGE DISPOSAL

Before you build—or in-
FOR HOMES that are
plumbing—in home or camp, learn why the
San-Equip Master Tank is safer. Find out how it protects you against clogged
drains, damaged walls, ruined floors or
furnishings. How it ends the risk of
digging up large sections of your lawn.
Six exclusive features are your guarantee
of satisfaction. Easier to install.
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MASTER
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WRITE
NOW!



For 1940 the T/N one-piece Water Closet provides a new feature... the complete operation of the new T/N is now merely a matter of seconds. This advance is in keeping with the public's interest in the improvement and refinement of home equipment and makes the T/N—more than ever—the finest fixture your money can buy. And, for added health protection, the T/N is tested and approved by outstanding authorities, including the National Master Plumber's Testing Laboratory. Your own master plumber will tell you how important that is.

CASE

DISTINCTIVE PLUMBING FIXTURES

Write to Dept. B-20 for booklet, illustrated in color, and the name of the nearest distributor where the complete line of Case fixtures are on display. W. A. Case & Son Mfg. Co., Buffalo, N. Y.

Doilies, Scarves, and Table-Runners: The wood of most tables is too beautiful to be hidden under much handiwork. Add an occasional doily if it makes you happier; but use them sparingly, even in the dining-room.

Objets d'art: Our most important room accessories, other than lamps and pictures, are those hundred and one interesting things we love to play with decoratively. Here's a chance to ride your hobbies. Your own art objects may include all sorts of things—vases, ash trays, candlesticks, ivy brackets, a copper bowl, a shy fawn in crackle ware, a bit of old blue glass, a pair of modern angels with sprouting wings and mischievous eyes. These are the little finishing touches that will bring your room to its completion with a sense of finesse and good humor.

Don't be afraid to venture forth both in color pick-ups and in things that are characteristic of you. Let the world know that here's a home that speaks the language of the folks that live in it.

Old Age Doesn't Hurt

[Begins on page 54]

music—voice, the teachers call it—and writes a weekly newspaper column handled by United Features Syndicate. In case you ever happen to come across it, it's by-lined "By a Farmer's Daughter." This work of hers had quite a bit to do with the changes planned by Architect William N. Caton and carried out by Contractor Roy Vaughn, both of Winfield.

Mrs. Morris wanted a living-room large enough to accommodate the swelling pride of the papas and mamas gathered to approve of their offspring in recitals and musicals. Note how the two front rooms were united to make a long living-room, and how the stairs were placed for easy access to the front door but without taking living-room floor space.

Perhaps the most notable decoration in the house is in the bathroom. Its walls are knotty pine on two sides and papered on the other two. The panels are hinged, and open into storage space under the roof.

Both this and the Lamer restorations are worth your study, I think, because the changes utilize practically all the old houses and because they suggest the real possibilities ahead of you in remodeling.

Kitchen Song

Red-dotted curtains at the windows,

Gay linoleum on the floor,
Shining copper pans and skillets,
Morning glories by the door.

Sunlight spills across my hands
Piling cookies on a tray,
Strange, such simple things as these
Can make a heart sing all the day!

—Catherine E. Berry



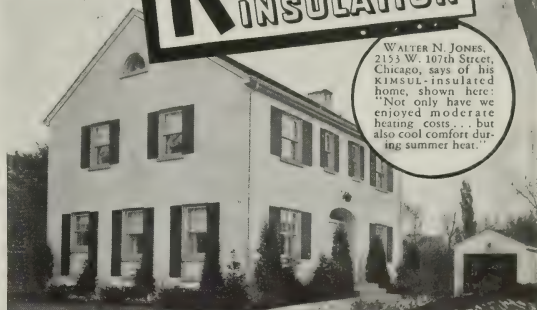
Take a Tip

FROM
AUTOMOBILE ENGINEERS

Insulate your home
with low-cost

KIMSUL
INSULATION

WALTER N. JONES,
2153 W. 107th Street,
Chicago, says of his
KIMSUL-insulated home, shown here:
"Not only have we
enjoyed moderate
heating costs... but
also cool comfort during summer heat."



The Magic of Modern Chemistry Produces This Wonder Insulation!

Engineers use KIMSUL* insulation to insulate crack streamlined trains, automobiles, motor coaches, refrigerators—wherever effective, lasting protection against heat and cold is wanted. Many exclusive advantages make KIMSUL first choice of these expert buyers of insulation!

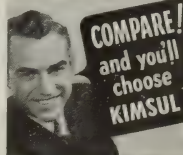
KIMSUL is as Permanent as Your House!

You can depend upon KIMSUL to last as long as your house, because KIMSUL is made of the same material as your house. KIMSUL is wood—but it's wood transformed by the magic of modern chemistry into soft, flexible blankets—one of the safest, most efficient and lasting insulations known to science! Highly resistant to fire and moisture, KIMSUL fills the need for a worry-free house insulation.

KIMSUL soon pays its small cost by saving on fuel in your home; meanwhile, you enjoy a home cozily warm in winter, delightfully cool in summer! Before you decide on any insulation, you owe it to yourself to find out how much more KIMSUL does for the money!

Mail Coupon Today for Complete Information
About Entirely Different, Amazingly Efficient
KIMSUL INSULATION

*Reg. U. S. and Can. Pat. Off.



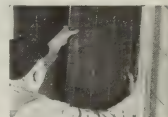
KIMBERLY-CLARK CORPORATION (Kimsul Division)
Established 1872 BHG-2
8 South Michigan Ave., Chicago
Send Free book—"Kimsul-Year 'Round Insulation"

Name _____
Address _____
City _____ State _____

Quickly, Easily Installed



Attached to top plate with lath and nails...



Exactly fit standard width stud spacing...

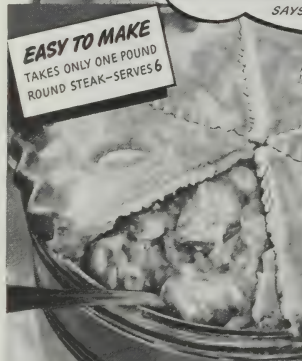


KIMSUL is nailed at bottom—and cut off—that's all! Strong ropes of stitching keep KIMSUL permanently in place!



HERE'S A SAVORY, SATISFYING
MEAL FOR A HUNGRY MAN
STEAK AN' ONION PIE
WITH FLAKY TENDER SPRY CRUST
SAYS AUNT JENNY

EASY TO MAKE
TAKES ONLY ONE POUND
ROUND STEAK—SERVES 6



**NO UNPLEASANT
SMELL AN' SMOKE**
WHEN YOU FRY
WITH SPRY—
IT'S PURER

**IT STANDS TO REASON
A PURER SHORTENIN'
OUGHT TO GIVE
BETTER TASTIN'
FOODS—
AN' SPRY
DOES!**

Only Spry gives ALL these 3 EXTRA ADVANTAGES

Purer... stays fresh longer...
mixes so easily

"YOU'LL be thankful for Spry's three extra advantages every blessed time you bake an' fry," says Aunt Jenny. "Cake an' pastry mixin' go so quick an' easy. Foods have such fine delicate flavor. An' what a treat bein' able to fry without unpleasant smell an' smoke—what crisp, tasty foods you get an' so digestible! Change to Spry for just one week. I'll bet a cookie you don't change back!"

PURER
ALL-
VEGETABLE

Spry

TRIPLE-
CREAMED
FOR EASY MIXING

In 1-lb. and 3-lb. cans. Also in the big 6-lb. family size.



WE GIVE YOU Brown Stew



By Helen Seely

WHAT'S the test of a good cook?

Opinions differ. Some maintain that a two-inch steak, beautifully scorched on the surface yet tenderly red and juicy at heart, is all that man can ask of any cook.

An irreproachable clam chowder has its advocates. Certain epicures demand boned partridge with a bland, subtle sauce, a fillet of sole Marguery, or a bombe exotique.

But brown stew—

Do we detect the pricking up of ears and the twitching of nostrils?

IT'S surprising how many women habitually concoct intricate salads and elaborate cakes, yet shy at the mention of stew as tho it were some dark, unflattering mystery. But, Lady, until you can toss off a good brown stew, with artistic nonchalance, you're no cook!

So Brown Stew it is, and we propose it in its simplest form with a few epicurean touches.

For six people (no leftovers) buy two pounds of lean beef for stew. Chuck or flank will do. Have it cut in cubes. Also get a 1½-inch cube of hard suet.

DINNER scheduled for six-thirty?

Then start the stew at three. Use a large kettle. Cast iron or aluminum is best, but any vessel with a tight-fitting cover will answer. Preheat it over moderate heat, throw in the suet pulled in little chunks, and when it melts enough to cover the bottom of the kettle and sputters gently, put in your meat. If the suet smokes unpleasantly, turn the heat down, but not enough to stop the sizzling.

Leave the cover off. As the meat cubes brown on one side, turn them with a long fork until every piece is a rich, even tone. During this browning process, which takes about 20 minutes, give your stew constant attention. On your thoroughness depends much of the result, for it's this browning that later imparts color to the gravy and makes brown stew different from ordinary beef stew.

ALL BROWN? Then pour in a quart, or four measuring cups, of boiling water—cold water at this stage would dampen the ardor of the best-intentioned stew—drop in a clove of garlic, a medium-sized onion cut in pieces, and two bay leaves. Sprinkle over the surface [Turn to page 63



Dec. 20.
Cynthia was one year
old today. I had just
poured her Dole Pineapple
Juice, turned away a
moment and she started
to help herself.

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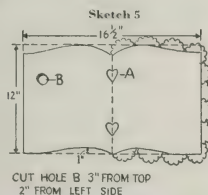
HOW TO MAKE

Valentine Froufrous

Seen on page 36

Heart-Shaped Dinner-Party Centerpiece

Cut a stiff cardboard heart. (See **Sketch 1**.) Cut a 2-inch strip of pliable cardboard and fit to form collar around heart as in **Sketch 4**. Secure with short lengths of cellulose tape. On outside of this form paste 33 5-inch round lace-paper doilies folded rosette fashion (fold in half but crease only thru 1 inch at



Young-at-Heart Dinner

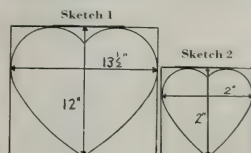
Fold a 12- by 16 1/2-inch sheet of pink construction paper thru center. Open. Measure margin at top and bottom, as in **Sketch 5**, and draw curved lines to resemble open book. Fold and cut. Also cut tiny heart opening, A, for ribbon and B for nosegay of artificial or real flowers. Use gold paint for stem of flower and script. Paste small gold heart stickers for flower leaves. Cut 12 4-inch lace-paper doilies in half and plait in center to form scallops. Paste to underneath edge of open book. Plait a strip of 2 3/4-inch red satin ribbon thru center openings. Tack on bow made of 1 3/4 yards ribbon. Paste 3- by 3 3/4-inch gold hearts on ends of ribbon.

Teen-Age Tea

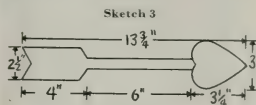
Cut a heavy cardboard heart as directed in **Sketch 1**. Measure in 3 inches and cut out center to form a 3-inch heart-shaped frame. Shirl blue tulle in rosettes and wind with fine wire. Paste or wire to form row around inside and outside edges. You may use 5-inch lace-paper doily rosettes and have a lovely centerpiece. Have stems of 20 short-stemmed roses wrapped with a bit of wet sphagnum moss and green foil. Tuck between rows of tulle.

Hearts Are Trumps Luncheon

Cut 2 white cardboard hearts as directed in **Sketch 1**. For each heart cut in half six 5-inch frilly pink lace-paper doilies. Paste underneath heart to form scalloped edge. Form 54 5-inch pink lace-paper doilies in rosettes and paste around heart in 3 rows. (See **Sketch 5**.) In center arrange bouquet of violets with a collar of green leaves.



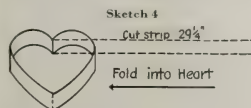
center; fold in quarters but crease only at tip). Paste 20 small red hearts along upper edge of heart frame cut as **Sketch 2**. Center with a red-satin heart-shaped candy box (6-inch size). Paste 18 5-inch lace-paper doily rosettes to sides of the candy box. Fill space between candy-box frill and outer edge with two dozen white carnations arranged in com-



pact row. Wrap stems with red-foil and give as boutonnières. Center with a red camellia or rose. Cut 3 silver arrows and 3 red arrows, as in **Sketch 3**. Arrange as shown in color photograph on page 36.

Valentine Bridge-Dessert

For this you'll need two hearts. To make each heart cut strip of pliable cardboard 1 3/4 inches by 2 3/4 inches, as in **Sketch 4**. On this strip paste 18 3/4-inch gold heart stickers.



Fold center and form in heart shape (9 1/2 inches across). Fasten ends with cellulose tape. Join hearts with 1 yard of 2 3/4-inch red satin ribbon. To show that Cupid is on the job, run an arrow obliquely thru the bow. Use 1 yard of ribbon for center bow. See sketch on page 31. Make the dart using silver cardboard and 4 clear Cellophane sippers. Fill hearts with short-stemmed carnations or rosetted paper doilies.

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SIZZLING SOUND
I HEAR?

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SPAM AND
EGGS, MY DEAR!

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Modern Moves Into Colonial

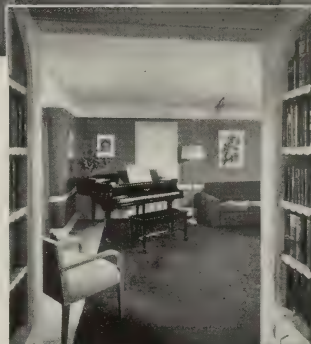
By Ruth Maloney



Gray weathered shingles, rough-hewn stone, softly blending tile roof, and green shutters are the Colonial setting into which we moved our Modern furnishings



↑ Best of all—in our red, white, and blue living-room—we like the wide fireplace paneling and the deep entrance approaches where attractive shelves treasure and care for our books



Photographs by F. S. Lincoln

WE WERE all fed up on the city. We longed for the sea and an acre of ground. But the house we'd set our hearts on out in Long Island, spang in the center of its acre and just 200 yards from the sea, was Cape Cod Colonial. And all our furnishings were unequivocally and joyously Modern!

But, said we, why *not* furnish Colonial in Modern? We did—and the results are successful beyond anything we dared to hope.

Soft blue walls, white ceiling and woodwork, and a rich ruby-red carpeting form the background of our living-room. Black marble in the fireplace balances well the intensity of the ebony in the piano. Blue upholstery pieces melting into the room's background add restfulness. All our prints and photographic studies (my husband's hobby is photography) we framed in white.

Simple curtaining welcomes worlds of light, so the blue walls never seem depressing, but rather a perfect antidote for the vivid warmth of the rug. In fact, light is as much a part of the room decoration as color. In the square dining-room we went very gay and festive with white peony-patterned wallpaper with green leaves on a cinnamon brown ground. The dado painted green to avoid too much [Turn to next page



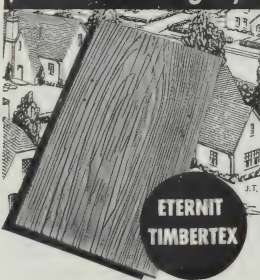
↑ Modern spaciousness and restfulness keep our bedroom uncluttered. We gave it rosy wallpaper, a blue rug, white bedspread and floor-touching curtains

We wanted our dining-room colorful and Modern. White peonies on cinnamon brown paper top a soft green dado. Dark wood offers contrast to light wood



↑ What my husband calls "gaga" wallpaper adorns our main-floor lavatory with its full-length mirror, dressing table, and black patterned linoleum floor

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Modern Moves Into Colonial

[Begins on preceding page]

pattern. Yellow is the key color of our chair upholstery, blending with the light wood, contrasting effectively with our dark sideboard and table. These gay walls have let us use linens of white, blue, yellow—whatever the moment inspires.

Our main-floor lavatory, photographed, boasts what my husband calls "gaga" wallpaper. Its black background is gay with blue, gold, and yellow birds and red flowers. Opposite the window is a full-length mirror, with the toilet table also fully mirrored. The linoleum is black with just enough pattern to make it show soil less quickly than would solid black.

For our bedroom we chose a rose-pink leaf design for wallpaper, a rug of solid blue, and bedspread and curtains of white.

So the moral of my tale is this: If your furnishings are Modern and your dream home Traditional—or even if your problem is reversed—don't discard, but combine.

We did, and were richly repaid.

We Parents

[Continued from page 44]

Care of possessions: a certain place provided for everything, whether clothing or toys.—Mrs. G. W. Bulterman, Rochester, New York.

"Don't Wait Up, Mom"

When youngsters begin going out at night, agree with them when they're to be home, then set the alarm clock for half an hour after that time and go to sleep. If they come in before it goes off, as they usually do, turn it off and go back to sleep. If they don't, you're awake in plenty of time to start worrying.—Mrs. M. J. Evans, Hollywood, California.

Now Sleeves Are Fun

When putting a difficult sleeve or pullover sweater on my lively baby, I avoid stubbing her fingers by giving her some small object she can hold in her hand during the operation, such as a nipple, thimble, or some other harmless small thing. It arouses her interest, and she slips her hand thru quickly in order to examine it better.—Mrs. Joseph B. Candia, Pittsburgh, Pennsylvania.

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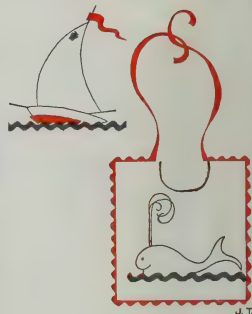
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Baby's Bibs Go Nautical



RIDING a wave of blue rickrack, this sea-going whale is outlined in red, spouts blue outline stitches into the air. Red ties and an edging of red rickrack keep him in his place.

Or if baby would a-yachting go, bib him with an adventurous sloop, outline-stitched in blue and riding a wave of blue rickrack. The flag is satin-stitched in red, and the yacht lies at anchor inside the bib's border of red rickrack and red ties.—Pat O'Malley Johnston, Erie, Pennsylvania.

CARRY-ALLS



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thing securely, then cover with clear shellac for easy cleaning.

Here are three favorites: a golden apple and green leaf on a scalloped silver background; a gold background, a red elephant, and blue seals will make the baby's cereal taste like circus popcorn; a green chanticleer with scallops of red seals will delight the toddlers.—*Jean McPherson Kitchen, Eric, Pa.*

We Give You Brown Stew

[Begins on page 60]

one level tablespoon of salt, one-half teaspoon pepper, one-half teaspoon paprika, a dash or two of powdered allspice or cloves, one teaspoon lemon juice, another of Worcestershire sauce, another of sugar. This may sound like a lot, but it's offered as a guide to those left floundering by the phrase, "season to taste." Our stew is a robust dish, and its rich beef flavor will in no wise be submerged.

Vary the seasonings if you wish, but pray don't rob your stew of its soul by omitting the garlic or sugar.

TIME now gets in its work. Cover the pot, reduce the heat, and go read a good book. But don't leave the stew entirely to its own devices. About every third chapter, pause and look into developments. Shake the pot a little, or move the meat with a fork if it shows signs of sticking. Adjust the heat, add water if necessary but remember it isn't soup you're making. Don't stir, as this breaks the edges of the meat, producing an unprofessional-looking dish.

Around five o'clock add a bunch of tender, young carrots, scraped and quartered, and some small, white, boiling onions. I use a whole pound, but then I'm an onion-lover. After 20 minutes start testing, and when the vegetables can be easily pierced with the fork, remove them and the meat with a slotted spoon to a heavy casserole, covering it while you add the finishing touches to the gravy.

Blend four level tablespoons of flour with cold water to form a smooth paste. Add a little more cold water so it can be poured, then stir into the gravy, removed from the heat for the moment. Blend thoroughly, then cook about five minutes, stirring constantly. A little tomato sauce can be introduced, or a few cautious drops of kitchen bouquet will deepen the color. Now thin to the right consistency with boiling water, and just before removing from the heat, stir in a small glass of cooking sherry.

This gravy should be smooth as silk. The clove of garlic and cut onion, having fulfilled their life's work, will have disappeared; the remains of the bay leaves may turn up some place, but no matter.

BROWN stew needs no garnishes, few complements. Serve mashed potatoes or plain boiled ones, a simple green salad of endive, lettuce, and a few radish circles with French dressing, and coffee. Stewed fruit or, easier yet, a dish of chilled, canned fruit, is enough for dessert. And there is a perfect meal!

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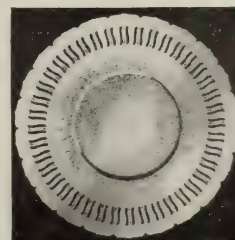
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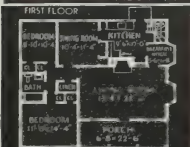
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The QUESTION Before the House

REG. U. S. PAT. OFF.



In the Gay Nineties everyone who was anybody had an alcove, done up with lurid divans and hand-painted lamps. And now, 50 years later, they're back, useful, socially acceptable. (See the first question below)

**A department of answers
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and home-maintenance
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By J. F. Carter

Without the Turkish

I saw a new house with an alcove off the living-room the other day. The first I've seen in years. Are they coming back? If so, I want one.

Yes, many new homes are being built with alcoves. They went out of style along with other frivolities, but we're again beginning to appreciate their usefulness as an extension and interesting variation for the living-room. They come without their voluptuous red draperies and other lurid Turkish effects, of course. The one pictured above has plank side-walls, built-in bookshelves, and a wide, bright window. It's an excellent example of the possibilities of this architectural feature.

Refurbish Pine Walls

We are renovating a house built in 1795. It has pine-board interior walls. How can we finish those boards?—Mrs. Dorothy S. Stungis, Gorham, Me.

Since age has put its touch of warmth on the boards, why re-finish them with anything? Why not dust them, wash them off with a non-alkaline soap, and refurbish with linseed oil? Such old walls as those should be retained.

Heat Loss in Walls

Pipes from our heater reach the second-floor radiators thru the walls of our stucco-exterior house. Most of the heat seems to be lost in the walls, because when the first floor is comfortable the

second floor never is. How can we stop the heat loss?—Mrs. Bel Elrod, Asheville, N. C.

Forcing one of the fluffy insulations between the studs is a partial remedy; a better one would be to insulate the piping even more thoroughly, tho this is expensive. Ascertain whether greater radiation is necessary upstairs. The present radiators and pipes may be too small.

To Remove Floor Pits

Our pine floors are pit-marked from chairs and shoes. Is there a reasonably easy way to remove the marks?—Mrs. Herbert L. Deal, Portland, Ore.

Probably most of these marks are skin deep; that is, only the varnish or shellac is pitted. If, after removing the shellac or varnish, you find these marks are in the wood, a slight sanding with a machine will be needed.

Clay-Tile vs. Plaster

The plaster in our clay-tile home is cracking in all directions. What's the cause?—Arnold Fox, Prescott, Ariz.

Cracks result from the expansion and contraction of the plaster base. They occur where brick, clay-tile, or concrete block serve as the base more often than where gypsum tile is used, because gypsum tile and gypsum plaster expand and contract alike. If a properly prepared plaster coat loosens from masonry, it's probably because the masonry surface is glazed or non-absorbent

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• When Sani-Flush was introduced, 28 years ago, dresses hung low, and hair was piled high. This odorless chemical compound freed women of a disagreeable task. It took all the work and muss out of cleaning toilets.

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For the sum of \$4.75 we will send trap to you by prepaid parcel post and you will be one of 50,000 satisfied owners.

EVER-SET TRAP CO. 310 W. 1st St., Davenport, Iowa.

and doesn't provide the necessary suction. Cracks at wall and ceiling angles are caused by failure to wedge the wall at the ceiling, by too much sand in the masonry mortar, permitting shrinkage, or by settlement of floors.

Oil-Heater Flue Trouble

Our new oil-heating equipment is connected to an old flue by a double-sheath stovepipe. A black, sticky substance comes down the stovepipe. What's a wrong? Miss Enmarila Van Fleet, Chester, N. J.

Lengthen the flue by adding a metal stack on top so that waste gases escape before they condense. Also, call on the oil-heater man to adjust the combustion. Cold weather is almost certain to condense surplus liquids unless they're taken away quickly.

New Walls for Old

Our home can't be plastered because walls are sheathed with lumber and papered over cheesecloth. We desire to eliminate any further papering.—Mrs. E. M. Freeman, Houston, Tex.

Cover the sheathing boards with a thin insulating board, filling the seams with pliable cloth and Swedish putty, sanding evenly after the putty hardens. It may be necessary to re-putty some unevenness as a sort of finishing. Then paint.

Formula for Falling Down

How should concrete floors for dancing or in a recreation room be finished?—Edith Richards, Toledo, O.

Where a smooth surface is desired, the floor is finished with a steel trowel. The concrete shouldn't be troweled until all surface water has disappeared and no water brought to surface by troweling. If it's troweled too soon, water and fine material come to the surface and "dusting" results. After the concrete has cured, the surface is waxed and polished.

Roof With Copper Now

Is copper roofing economical for houses?—Charles Rogers, Harrisburg, Pa.

Sixteen-ounce copper roofing, used for years on churches, schools, and government buildings, has been too expensive for all except elaborate houses. But new types of copper roofing, especially for residential work, recently have come onto the market. One employs 10-ounce sheets which are applied with standing seams. The lighter-weight roofing has cut the cost enough to justify its use on the average home.

An Inexpensive Blonde

We have long cherished the dream of a library paneled in wood. We're ready now. The paneling must have decorative beauty, yet be practical. What do you suggest?—Grace Hoover, Milwaukee, Wis.

Well, there's the knotty-pine paneling done with one of the western pines, northern pine, or southern yellow pine, and finished naturally with wax or varnish and wax, or stained darker for age. Next is American walnut in blonde finish or stained to a rich dark shade. It's not expensive but certainly handsome.

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IN a water system, CAPACITY and RELIABILITY are equally important. The famous old MYERS trademark assures you

both. You may open one faucet at a time, or draw water simultaneously from several different locations—in kitchen, bathroom or laundry—at outside hose taps—in barnyard and outbuildings. There will always be plenty of water at ALL faucets when you have a precision-built MYERS Water System of the type and size suited to your needs. Quality is never sacrificed to price in the manufacture of MYERS products. The absolute dependability of MYERS Water Systems is proved daily in thousands of farm and suburban homes. Write for interesting free booklet and name of your nearest dealer.



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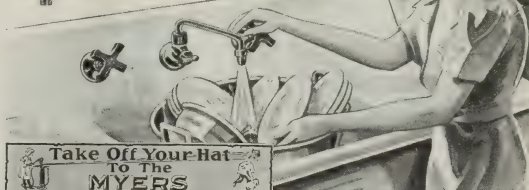
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Wall Eyes

Eyes Are on the Walls

Next Month

NOTHING to do with pike. Just refers to practiced eyes and the way they fasten on your walls next month—critically, but for your benefit. The Home-Furnishings Department goes into wall-coverings, wall colors, wall ideas, and just about everything you could think of concerning room walls—in the next issue of *BH&G*. We'll have an eye out for you.

Answers to "How Smart Are You?"

[Begins on page 27]

(1) Chippendale, Sheraton, and Hepplewhite are best known for their chair designs. Thomas Chippendale improved the cabriole leg with a carved foot but later he favored the straight leg. His best-known chair backs are the ladder-back, the Chinese fret, a pierced Gothic back, and the ornate ribbon back. Both George Hepplewhite and Thomas Sheraton liked the tapered leg. Hepplewhite used five types of backs for his chairs—the shield, camel, oval, heart, and wheel. Sheraton approved a delicate, rectangular back.

(2) The extravagantly curved forms of Louis XV and other rococo designs combine well with the more elaborate Chippendale furniture.

(3) The rocking chair, first made about 1740, is native to this country. Its invention is sometimes credited to Benjamin Franklin, altho it was probably the idea of some unknown designer. The earliest type had a cradle attached to the side.

(4) The lyre is characteristic of Phyle's taste for ancient Grecian motifs.

(5) Pale gray blue, a color which absorbs light, unless you like to be practically blown out of bed by the rising sun.

(6) Apple green bears the same relationship to mahogany red as black does to white. It is its opposite, or in the language of color, its complement. A color surrounded by its complement has a tendency to appear brighter. That is why a white square framed by black seems so intensely white.

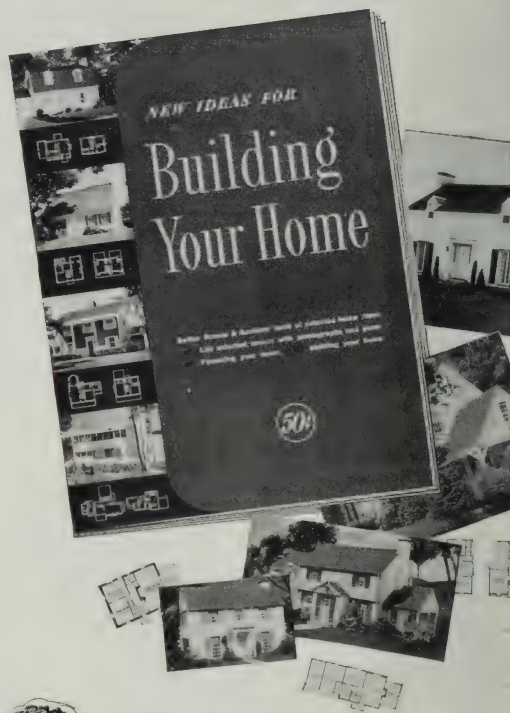
(7) White. It has been proved by accurate tests that white paint reflects 89 percent of light.

(8) Green is the most neutralizing of all colors. You may think you like it best, but actually tests have proved that if you're a woman you probably prefer red, if you're a man you'll likely choose blue.

(9) Toile de Jouy is a type of one-color picture printing on a cotton background. It was [See next page]

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BETTER HOMES & GARDENS

first made in Jouy, near Paris.

(10) A diaper pattern is an all-over repeat design.

(11) Damask is the only fabric of the four mentioned that's heavy enough in character to combine with the simple proportions and walnut surface of Queen Anne furniture.

(12) Frieze, plush, velour, and velvet are alike only in that they are pile fabrics.

(13) An all-over carpet makes a room seem larger because of its uninterrupted surface.

(14) Linoleum is a mixture of ground up cork, oxidized linseed oil, and various gums pressed to a jute or burlap backing.

(15) Oriental rugs, usually Turkish, were almost exclusively used in Georgian interiors.

(16) Random-width floor boards are suitable for Colonial rooms because they've a Colonial heritage from medieval France and England.

(17) Hobnail and other popular Sandwich patterns are constantly reproduced.

(18) Pewter.

(19) Toile is a French word for sheet iron which we have accepted as meaning painted tin.

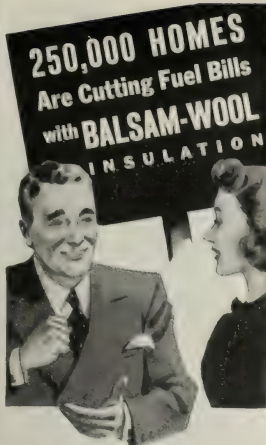
(20) Chinese porcelain is traditional with Chippendale furniture.

Cash for Remodeling Pictures

BETTER HOMES & GARDENS is eager to see, by means of "before" and "after" photographs and floor plans, the better-home improvements you make.

We know that many of you are planning additions to or changes in your homes this year. Maybe you're remodeling your kitchen, your bathroom, your living-room, your attic, or your whole house. If you are, get out the camera and take some good snapshots of all interiors and exteriors you're remodeling before you start work. Then, when the improvement is completed, take "after" snapshots from exactly the same positions (they show contrast better) as the "before" pictures. Clip each "before" photograph to each "after" taken from the same position and send them in to John Normile, Remodeling Editor, *Better Homes & Gardens*, Des Moines, Iowa. If we can use them, we will give you further instructions and will pay you our regular editorial rates for your trouble.

It doesn't matter how large or small the improvement is. A single room or the whole house is equally interesting to us. Each project submitted will be judged solely on how well it has been done and not on its size.



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One insulation has proved its ability to reduce fuel bills—to increase comfort—in 250,000 homes! It is BALSAM-WOOL... the insulation without "ifs" or "maybes"... the insulation which for 18 years has shown that it answers every insulation need, everywhere.

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Garden Scientists

IF WE don't make an amateur horticultural experiment station out of the bosom of every *BH&G* family before long, it won't be the fault of the interesting discoveries being reported thru our columns—it'll be because some families are immune. For hardly had the sound of "Vitamin B," settled down to a steady clamor when along came some reports of hormones and root tonics, and some interesting tips on how to nourish seedlings in sand—all of which we bring you in next month's *BH&G*, together with some of the regular curriculum on frames and seedlings and propagation and such. Keep one ear and one eye peeled in this direction—NEXT MONTH.

House for Sale

[Continued from page 52]

There were candles at the windows, and a wreath on the front and sleigh-bells on the back of the door. There were cedar swags looping over doors and windows and down stair rails. The fire was crackling, and there was hot toddy and cookies. The tree tipped the top of our two-storied living-room, and all five strings miraculously co-operated to burn steadily for the fateful hour. God winked and let there be snow. And Mr. Prospect bought the house.

* * *

LEST you misunderstand—I don't believe in misrepresentation. I don't believe in saying your heating bill runs \$30 a month when it averages \$60. Nor that the commuting time is forty-five minutes when the thrice-a-day express makes it in an hour. Nor that "there's always plenty of hot water" when the bathtub can't be filled twice successively without the second bather complaining of chills.

But I do hold that it's more honest to show a neat and desirable house than an untidy one. "Primping" is fairest to your own reputation as a housekeeper, and fairest to the prospect whose rose-covered-cottage visions don't include dish-stacked kitchens or toy-strewn living-rooms.

* * *

AND MAYBE AFTER you've followed out all these suggestions you'll want to keep the house yourself. We believe many who don't have a house for sale will find Aunt Thompson's suggestions pertinent. They're ideas for selling—but also for living. Most of her tips are just good advice for making a house more attractive and pleasant for everyday habitation.

Naturally, if you're buying instead of selling, you won't let yourself be influenced by over-primping and too much window dressing; so this article should be something to be remembered by all—the sellers, the buyers, and the stayers.—Editor.



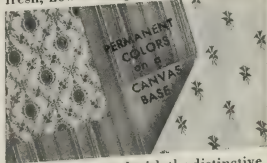
● "I was up in arms! We'd just finished redecorating—and look! Another ugly plaster crack. Then and there we resolved to decorate with Wall-Tex—the wall covering with a sturdy canvas base that protects against costly, beauty-destroying plaster cracks!"



"Are we saving money with Wall-Tex? Plenty! We haven't had a penny of redecorating expense. Jim says nobody wisecracks about our plaster cracks anymore. I'm so proud of our Wall-Tex and I get no end of compliments on its fresh, new-looking beauty."



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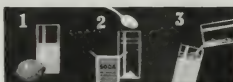
MAKE
LEMON
and **SODA**
YOUR "REGULAR" RULE



MANY who previously took stronger laxatives now tell us they find ample assistance in this non-irritating, non-habit-forming combination.

Taken first thing upon arising or just before retiring, sparkling lemon-and-soda gently aids elimination. It helps maintain normal alkalinity, and gives the added protection of vitamin C, abundant in fresh lemon juice.

First or last thing daily: 1. Squeeze juice of a Sunkist Lemon into tall glass half full of water. 2. Put half



teaspoonful baking soda (bicarbonate) in another glass. 3. Pour back and forth, and drink as foaming subsides.

Do this ten days. See if you do not benefit when you make lemon and soda your "regular" rule.

Copy, 1940, California Fruit Growers Exchange

Sunkist Lemons

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Shower it down! Get it! It's the new pepper! Thick for garden and market. Thick, bright red, to a delicious, hot, for stuffing, slices, neatly round. The perfect pepper! Bright red! Thick 3 in. in diameter, greenwood, round plants, 100 plants per bag. Order now. Pkts. 50¢ 100¢ 150¢ 1.00 2.00. W. Lee Burpee Co., 565 Burpee Bldg., Philadelphia

\$15,200

Cash Prizes

★
**66-Page Rug
Book FREE!**

TWO of our long-time advertisers wanted their advertisements to appear in certain "positions" in this issue of *Better Homes & Gardens*. One contracted for page 92. The other ordered the "inside back cover"—page 91. When the "copy" arrived, we found that each contained a coupon; and strangely enough, the coupons "backed" each other. Turn to pages 91 and 92 and you'll see what we mean.

Many thousands of readers will want to reply to both offers. If you are one of those who wishes to get the free 66-page "Book of Rugs and Model Rooms" offered on page 91 and to enter the "\$15,200 Cash Prize Carnival" announced on page 92, use a post card or letter to answer the advertisement on page 91 and the coupon for answering the one on page 92. Or, use a letter for entering the Contest and the coupon in asking for the decorating book.

Save That Fireplace

These fireplaces circulate heat like a regular furnace, are good for spring and fall heating up North, are the only heating plants needed in some sections of the South. They'll heat game rooms and cottages, too

By Billy and Bert Popowski

GEORGE WASHINGTON fathered our country, but it remained for Benjamin Franklin, that frugal Quaker, to sire the stove and remove the fireplace from its high estate as the world's leading heating unit. Prior to Franklin the fireplace was, at once, the furnace, cook stove, oven, and site for many a hearth-side family gathering.

It was on his way home from France that Franklin wrote one of his most pregnant essays, to one John Ingenhousz, Vienna. In it he plunged into a description of a stove in which he conceived "that burning the smoke, by obliging it to descend thru red coals, would be very advantageous, as more heat would be

given by the flame." Modern-day heating engineers still build their most economical plants on this idea.

FRANKLIN'S stove proved just the thing the world had been looking for. At first, possession of one was a badge of social prominence. But quantity production before long put a stove in almost every urban parlor, and the fireplace lost out, for it circulated heat poorly thru the room and wasted fuel. When the fireplace later reappeared in homes, it came not for heating but because every man and every woman finds solace and peace in the crackling and the licking flames of an open fire.

Now, today, in this age of auto-

Heatator



Bennett

Any size and kind of mantel and fireplace front can be used with these heat-circulating fireplace units. One cold-air intake here is in the woodbox, the second in the hall behind the fireplace

Except for the intake and outlet grilles, a heat-circulating fireplace looks like any other fireplace. When equipped with electric fans in the inlet ducts, circulating fireplaces almost double their heating speed and capacity



Heat!



Superior

Heat that used to waste itself up the chimney now flows into this living-room from the grille above the mirrors. It can be circulated in other rooms, too. Note the handsome sliding fire screen, now available for all fireplaces

matic heat, the fireplace is staging a comeback as a home-heating unit. Engineers have overhauled the design. The new designs are circulating heat thru the house instead of shooting almost all of it up the chimney.

There are a couple of methods being used. The first circulates air thru a hollow steel shell which completely surrounds the fire, near enough to the flames so that the air is released into the room at a high temperature. Thus, with this unit, heat formerly wasted up the chimney and in unnecessary heating of the masonry becomes a source of comfort. This heated air can be circulated thru ducts to other rooms, too.

SUCH units are simple to install. Masonry is merely built up around the metal form set on a bed of firebrick. Inlets and outlets for the circulating air are built into the masonry and the whole thing operates much like a miniature hot-air furnace.

A second type of unit circulates water thru this steel shell surrounding the fire and thru pipes to hot-water radiators in other parts of the house.

A third type circulates hot air like the first, but instead of drawing its cold air thru inlets at the base of the fireplace or from some other room, it brings in fresh air from the outdoors.

When installed, the steel shells are insulated from the masonry of the chimney because heating the masonry is wasteful and because the metal, when heated, expands more rapidly than the masonry.

Both types of hot-air units can be equipped with electric fans which roughly double their heating speed and capacity. Such fans are usually located near the inlet duct opening, experience showing this best.

In northern homes these circulat-

ing fireplaces are best appreciated on cool days in spring and fall when they eliminate the need of running the main heating plant. In sections of the South they're adequate in themselves for heating a home during the winter. They solve the problem of heating basement game rooms, and they're indeed grand for cottages and cabins where a fireplace is the sole source of heat during spring and fall and unseasonably cool weather. In fact, it was in cottages and cabins that the units were first tried.

A few brave souls, dissatisfied with the heating facilities of ordinary fireplaces and yet loath to give up the cheerful flames, gave these units a thoro test. A money-back guarantee furnished with every properly installed unit gave impetus to the move.

Since the day when a curious Paleolithic man first poked among the smoldering ashes of a forest fire, mankind has never lost his yearning for the visual comfort of an open fire. Whether the crackling flames are a visual lure or whether humankind likes to bask in the warmth of the naked fire is irrelevant. The fact remains that open fire awakens a degree of comfort few other means achieve.

WHEN raw winds blow and a tinge of winter shades the sky, all America likes to grill its steaks and toast its marshmallows in hearthside comfort.

The humble workman in far-off Buenos Aires knew whereof he wrote when he lettered these words on the tile which adorns our fireplace: "Todo bicho que camina va apara al asador". (Every creature that crawls comes at last to the fireplace). He might have added, had there been room: "y se gusta de lo" (and is glad of it).

We Believe
You'll Like This New Yeast So Well

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thing in my NEW
HOUSE that WILL
NOT COST ME
A CENT"**



home owners all over
the country say:

**"I'm not only getting
year-round comfort now,
but I am getting cash
dividends besides"**

OF COURSE, if you're planning to build, under the FHA Plan, you're planning to insulate. But go one step further—be sure your new house has the maximum in comfort and economy that only the proper insulation plus the proper amount can provide. For this reason, insist on Johns-Manville Super-Felt Batts—the improved Rock Wool Insulation. This is the batt-type insulation which is factory-made to uniform density and thickness and which gives you maximum insulation per dollar invested.

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If you're building, don't just insulate—fully insulate, get greater value (at little, if any, extra initial cost) with J-M Super-Felt Insulation.



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TODAY!**

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JOHNS-MANVILLE HOME INSULATION

(See advertisement on page 57 in this magazine for information on J-M Rock Wool Insulation for existing homes.)

Good News for Unexpected Dollars

No. 28 of a Series on Family Life Insurance by RAY GILES

ALMOST the same week that Paul D. received an unexpected legacy of \$3,000 from an aunt he'd never met, he had two thousand-dollar bonds called at 105. So his checking account showed a provocative bulge of \$5,100. What should he do with it?

Like most of us, he'd always bought his insurance with monthly, quarterly, semi-annual, or annual payments to be made year after year until the policies matured. He didn't realize that there are many attractive opportunities in an insurance program for lump sums which sometimes come so delightfully into life as bonuses from employers, as fat commissions on an especially large sale, and in other ways.

Paul D. learned that at his age, 30, he could draw his check for \$5,131 as a single payment for a \$5,000 \$10,000 endowment. At 60 he'd collect about double what he'd put in—the \$10,000, plus accumulated dividends which might easily amount to another thousand dollars or more.

THAT investment supplies us with an interesting reminder that lump sums of money can be used in several ways to increase one's life-insurance estate or to enlarge one's retirement income.

Suppose you're a professional man, and a grateful and wealthy client has just insisted on paying you \$1,000 more than you asked for. Well, you can use it to buy a deferred annuity which will be convertible into income after you reach a certain age. You just turn over the \$1,000 and forget it until maturity of the contract.

A second plan is to prepay premiums on life insurance you now have. Perhaps your commitments are heavy. You'll find you can pay premiums ahead for a year, two years, or longer. What a grand and glorious feeling you'll get from knowing that they're taken care of and out of the way for a while!

You may, as another alternative, buy a single-premium endowment as did Paul D.—one that matures in 10, 20, or 30 years. Or you can buy some paid-up life insurance—which calls for only the one large premium, after which you'll never again receive a premium notification on that particular contract.

On prepayments of insurance you get a small discount, so you reduce the cost of your insurance by that much.

AS YOU'VE been reading this, no doubt a double-barreled question has occurred to you: "But what if I should pay my life-insurance premiums now for the years of 1941 and 1942 and die before the end of 1940? Do I lose anything?"

Bless you, no! Your prepayments simply increase the amount received by your beneficiary.



*You pay no premium
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"HEALTH INSURANCE"*



We're talking about modern "insulated" windows—"health insurance"—for the modern home!

Introduced eight years ago, the CURTIS SILENTITE "Insulated" Window is America's fastest-selling modern window because it's a better value. It doesn't stick, jam or rattle; in fact, it's "trouble-free."

There's another big difference between SILENTITE WINDOWS and those our mothers used to fret with. SILENTITE gives rooms light, air and beauty. It doesn't leak—it keeps heat inside and prevents drafts with exclusive patented features.

NEW WINDOWS FOR OLD HOMES

If you aren't satisfied with the windows in your present home, see your Curtis Dealer. He will show you how to add new windows in bays, dormers, corners or where you really need them. You'll find the low cost surprising.

"INSULATED" WINDOWS HELP PAY FOR THEMSELVES

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Whether you're building or remodeling, get the "health insurance" and the other advantages that SILENTITE WINDOWS offer. They are made in both casement and double-hung models. Just mail the coupon for our new SILENTITE book.



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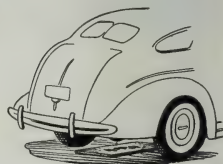
DAD'S Practical Pointers

Slip-easy Nails

Some carpenters bore a small hole in the end of their hammer handle and flow in melted beeswax or paraffin. By working the ends of nails in this, danger of splitting hard or thin wood is reduced. The hole will hold quite a supply of wax and doesn't, of course, interfere with the use of the hammer.

Keep Garage Floor Clean

Scrap insulating or wall board, or sheathing, pieces of which can be had for the asking at almost any construction job, are handy for



keeping the garage floor clean—under parts of car that drip oil, as shown in drawing. When oil-soaked and discarded, they make good fire-place fuel.

Keep Bees?

To prevent worms and ants from getting to a beehive, set it on a 4-legged support whose lower ends rest in tin cans partly filled with water or kerosene.

Toilet-Barping

Most water-closet noises are caused by ill-fitting tank balls—the little rubber ball that drops to close up the tank outlet when the toilet is flushed. A triple-seal type ball will usually correct the trouble, it is inexpensive, you can make the change yourself, and it may mean a saving in your water bill.

Sanding-Disk Idea

Brushing with a steel brush will remove much of the glaze from sanding disks and belts so that they'll continue to do good work without burning.

Pewter Polish

Use ordinary brass polish to clean pewter. Just rub on with a soft cloth and polish with a clean cloth.

Garden Bookkeeping

Small shipping tags, on which pertinent data has been written regarding plantings, can be permanently filed by running them on an ordinary notebook ring, and hanging this on a nail in the toolhouse.



OLD COLONY

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There are more than 200 lovely designs in Old Colony Furniture. Each one is attractive to the eye; practical to use; and soundly built for lifetime wear. You'll find Old Colony groupings on display at the better furniture and department stores, everywhere.

Send for this helpful book on Old Colony Furniture. Write Dept. B-2, Heywood-Wakefield, Co., Wakefield, Co., Gardner, Mass.

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GARDNER, MASSACHUSETTS
FINE FURNITURE SINCE 1826

The Man Next Door

REG. U. S. PAT. OFF.

Piquant bit of neighborhood gossip: They say that since the young husband in the little modern house around the corner went on a diet, his thoughtful little wife has quit putting starch in his shirt collars.

You might say that a man hasn't reached the prime of life until he either begins to have his picture taken with his glasses on or starts to brag about not needing to wear glasses.

Well, the b. w. has decided that our bedrooms need a little brightening up. So she has put a large Van Gogh portrait of a handsome young artist in her room, and a picture of a mishapen old peasant woman in my room.

Well, I was standing in front of the open refrigerator lost in thought the other midnight when it suddenly dawned on me why I like to eat in cafeterias. It's like raiding a gigantic, well-stocked dream refrigerator.

"What has become of the old-fashioned young man," asks Phyllis Gowan, "who used to act kinda snooty about going into his father's business?"

A man came to the door (the first time in five years) the other day and asked if he could shovel the snow off our walks, and you could have knocked me over with a sledge hammer until I discovered he was a writing chap looking for material for a book.



"... piously thankful he has a mother-in-law in Florida or California"

This is the season when farsighted young men are piously thankful that they have a mother-in-law in Florida or southern California who should, in all decency, be visited.

"A modern parent," muses Les Gowan, "is one who spans his child and then apologizes to him, or who doesn't spank him and then apologizes to others."

Our interior decorator explains that twin beds have definitely superseded double beds, but that what's really correct is a pair of twin beds pushed together so as to look larger than a double bed.

The serious-minded young matron on the corner finally decided reluctantly to have a baby, after she was told that the lower classes are breeding much more diligently than the intellectuals.

These are confusing times; we can't tell whether the family across the street is quarreling again or whether it's just a dramatic skit coming over their radio.

Sometimes, after the radio has been on a long time, it seems such a luxury to turn it off and enjoy complete silence for a little while that I'd be willing to pay a modest fee for the privilege.

The most sensible gadget I ever got for Christmas is the one that turns off the light inside of 30 minutes if I fall asleep reading in bed. In six or eight years it'll save its cost in electricity.

In his humblest moments a husband stands bare-headed in reverence at the courage his wife showed in marrying him. (But only in his humblest moments.)

If I were a good caricaturist I might save money on Valentine's Day by slipping the b. w. a comic valentine drawn on the back of one of the Christmas bills.

Our neighborhood's most cautious man has built himself a fireproof house, with concrete floors and metal beams. And now he has installed automatic fire extinguishers and rope ladders in all the bedrooms.



Just a writing chap, looking for material for a book

Don't
"fuss around"

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Why waste time making repairs that pop apart when you're not looking? Fix it...and forget it... with CASCO FLEXIBLE CEMENT. Developed for industrial use—now in handy tubes for home, school and office. Sticks wood, paper, fabric, leather, etc.... to metal, plastics, glass, etc.... Resists heat, moisture, jolts. Clean to use, excess cement rolls easily off your fingers. Large tube, 25¢ at hardware stores.

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GIANT
ZINNIAS

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SCARCE
Charles H. Hume

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TURN TO
Page 2
AND SEE THE
Fincastle
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AND BEDSPREADS USED
IN THE
CELOTEX
REG. U.S. PAT. OFF.
MODEL ROOM

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Round, solid. 100 Seeds for \$10,
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postpaid to you. Write today!
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SCREENS
THAT ROLL UP AND DOWN
LIKE A WINDOW SHADE

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Pella RolSCREENS are inconspicuous.
They improve the appearance of your
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Give quick, easy access to
locks, awnings and window
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Few things can bring home the father-and-son relationship so definitely as a Saturday afternoon trip to the barber-shop with the b. b. for a pair of haircuts. I wish I had a picture of the boy in the next chair surveying himself in the mirror.

+ + +

I've offered to buy the b. b. an air-rifle if he'll keep his room tidy and do a few chores, but apparently I want to buy him an air-rifle worse than he wants one.

+ + +

Never has the home been a happier refuge than in these turbulent days—especially if you can manage to miss the foreign news broadcasts.

+ + +

Usually the children have grown up before a housewife can make up her mind whether it's easier to take the family to a restaurant for supper on the maid's night out or feed 'em in the kitchen.

+ + +

Nowadays the children have to take so many things to school that the b. w. wonders whether they're running a perpetual rummage sale.

+ + +

What is there about married life that encourages moths to attack a man's clothes? When I was a bachelor I never found the slightest moth hole; never even gave it a thought. Now all the spraying and preventives we can buy don't save my best suits.

+ + +

I'd like to see a good action picture of a modern bathroom with one member of the family using each of the electric gadgets simultaneously... Remember 'way back when your father asked you to scrub his back with the bath-brush?

+ + +

One of the ladies in the block has had three husbands. Some of the neighbors knew her first husband, some knew her second, and some only her present spouse, and this results in all the complicated conversations of all when they're being discussed over the bridge table. I'm afraid each of the husbands gets blamed for the sins of the others.

+ + +

Some of our neighbors' bathrooms are getting that machine-shop look, what with electric razors, vibrators, heaters, and reducing belts. The chap in the Colonial house even has a contraption like a torture apparatus which massages his scalp electrically.

+ + +

And what has become of the old-fashioned Head of the Family who had an easy chair that no one else dared sit in when he was around, not even relatives and in-laws?... He now brings in a chair from the dining-room for himself when things get crowded.

—HARLAN MILLER

1. *Lena Rose*

STARTLED AS TRAIN JUMPS TRACK—LITTERING JUST-CLEANED RUG WITH SAND

2.

BUT TELLS HUSBAND NOT TO GET OUT VACUUM AGAIN—HER NEW BISSELL WILL CLEAN UP IN JIG-TIME

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Giant Tetra is the result of doubling the chromosomes, which govern heredity, in Giant Gold Marigold by using old-fashioned, this century's, in deep orange, of great substance, long-lasting in water. Thick, heavy, some, single foliage. For first consideration! Pkts. 175 seeds 25c; 400 Seeds \$1. W. Atlee Burpee Co., 329 Burpee Bldg., Philadelphia

How to Be a

WHENEVER I tell about picking Delicious, Jonathan, and Grimes Golden Apples and Bartlett Pears all off one tree, most people become interested and want me to tell them all about it.

Then I tell them about a patriotic lilac a friend of mine has—one that blooms along about Memorial Day and contains lilacs in all three of the national colors—red, white, and blue. When I used to tell people about it, they'd whisper later, "That guy sounds as if he really believes himself."

These things do sound a little balmy the first time you hear about them, but they've been going on for years now and are all very simple when you know about grafting. As a hobby, grafting is a thing with which you can have yourself a whale of a lot of fun.

Grafting Is Now Simple: I'll never forget the thrill I got when the first grafts I ever made or even ever saw made finally burst into leaf, growing nearly three feet the first year. Before that, the only tree-grafting I knew about was done by a German neighbor of mine who used clay, rags, and string and doped up his trees until they looked like a collection of sore thumbs.

But now, grafting, especially apple trees, has become so simplified that in a short time even a beginner to whom grafting is all Greek can become an expert. The only tools you need are a fine saw, a razor-sharp knife, a clothespin, and some paraffin wax—the same kind one puts on jelly glasses.

Eliminates Guesswork: The real object of grafting, beyond having fun with it, of course, is to make some undesirable but perhaps hardy tree bear good fruit—a variety you want. It's one of the wonders of Nature that a twig not as big around as a pencil, when united with a tree trunk even a foot in diameter, will be boss of the future growth and tell the tree what kind of fruit it should bear.

All fruit trees purchased from a nursery are either grafted or budded, which is similar to grafting. For many hundred years ago, people found out that planting seeds or pits is utterly unreliable. You can take the seeds or pits from the rosiest, sweetest apples, pears, or peaches you ever ate and the tree that results may grow into a miserable specimen and bear fruit which in no way resembles the fruit you hoped to grow.

But how does one go about grafting?

Just Follow the Steps: There are several kinds of grafts one can make, but I'll describe the so-called wedge graft; it's the easiest to do.

1. Collecting twigs is always the first step. Along in February or March go to some neighbor who has a desirable variety of apple. Ask him for a few small twigs cut from the ends

of bearing branches. Don't choose water sprouts, those extra-strong shoots which start from the trunks of the trees. The twigs you select should be about a foot long and a pencil smaller in diameter than a prill.

Each twig will furnish enough material for several grafts. You'll have to keep them from drying out, for it won't be possible to graft immediately. Store these twigs in a cool place in damp peatmoss. Don't keep them wet and warm, for if you do they're sure to mold and decay.

2. When the first signs of Spring are in the air and the Pussy Willows come out and the frogs start peeping in the meadow, cut off a branch or the main trunk of a young tree with a fine saw. Such branches should be from one to four inches in diameter. Saw carefully to avoid mutilating the bark.

3. Split this stump with a knife or chisel. This split is called the cleft. It may be necessary to hold this cleft open with a clothespin for a wedge.

4. You're now ready to take the twigs from the damp storage and use them to make "scions" four or five inches long. The base of each scion should be cut to a long, tapering wedge as shown in the sketch. Make the sides straight—neither scooped out nor lopsided. You want them to come in contact with the cleft all the way down.

5. Insert two scions into the cleft of the tree branch so that the bark of the scion crosses the bark of the cleft, as shown in the sketch, for it's the green layer between the outer bark and the wood of both the cleft and the scion which will grow together if they touch each other. You insert two scions just as a precaution to make sure one will grow. If they both grow, remove the weaker one soon after growth starts, otherwise a bad, crowded fork results.

If the split doesn't hold the graft tightly when you take out the clothespin, bind a bit of raffia or tire tape around it to hold it together. Coat the whole graft with melted paraffin, covering the scion and all cut surfaces of the wedge. A paint brush does this trick excellently. Perhaps two or three applications of wax may be necessary to seal the graft from the air. Don't have the wax too hot or it may injure the graft.

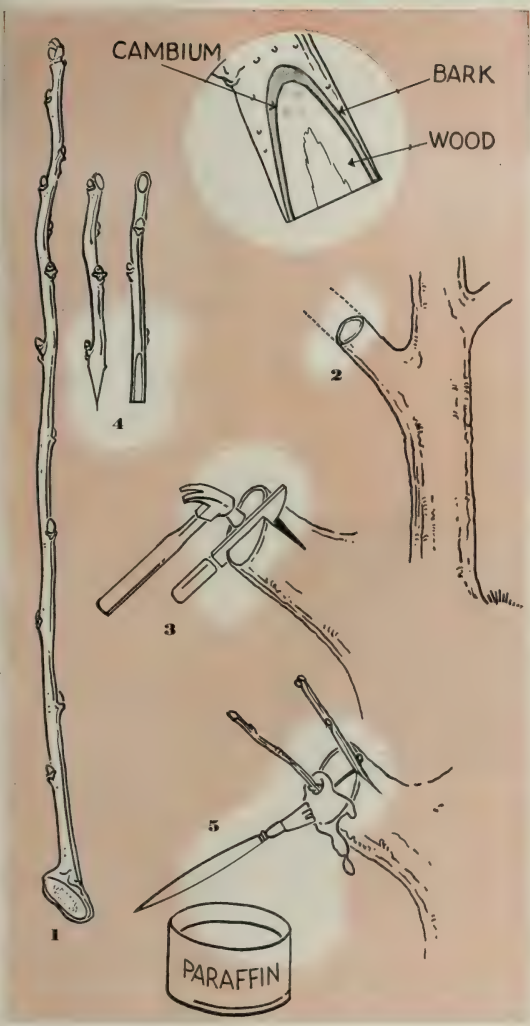
In the old days, when grafting wax was used, nuts were difficult to graft, but since the use of paraffin, nut-tree grafting is much simpler and now anyone can do it.

Caution: Some grafts grow so amazingly fast that in a year they're a yard long. This is dangerous, as a high wind or some person brushing against the branch may disturb it. Such grafts should be trimmed back to prevent this.

If you want to show off your grafting ability, graft pears on an apple

Grafter

By Claude H. Miller



Here's all there is to making the wedge graft: 1—In February or March cut foot-long twigs from the ends of bearing branches. Store them in damp peatmoss. 2—Saw off the branch to be grafted. 3—With a hammer and knife, split the stump. 4—Cut scions into 4-inch lengths with long, wedge-shaped ends, as shown in the magnified view. 5—Insert two wedge-cut twigs into each split branch, making sure the cambium, or inner bark, of the twigs and branch cross. Then seal-cork the joint with one or more coats of paraffin. That's all

tree, or pecans on a hickory tree. In New Jersey I once had 10 varieties of apples all growing on a single tree. And a friend of mine swears he once had 28.

Remember, you can graft only similar things—core fruits on core fruits, pit fruits on pit fruits, and so on.

You'll find it a wealth of fun,

picking pears off apple trees and all that. It's especially desirable to graft trees of varieties you don't like with those with more delicious, later, earlier, or larger fruit. You'll find it a unique hobby. But don't breathe a word of it to any man unless you've got him right there on your place to show him. You don't want anyone saying that about you!

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TRIP-L-CROP Tomatoes rapidly grow 12 to 18 feet high. Can be grown on trellis, side of house or barn, or as a bush in garden. Beautiful, large, crimson solid, meaty fruit of finest quality. THE MOST PRODUCTIVE OF ALL TOMATOES.

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GUARANTEED SATISFACTORY ROSES!

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SELECTED FROM THE CREAM OF THE ROSE CROP!

1. Buy the gorgeous colors and delightful fragrance of your own rose garden next spring! To appreciate 20% with the superb blooming qualities, the first-class, and the low-drawn-from-the-grower-to-you prices of Naughton's world famous roses we make this unusual offer. Send only \$1.00 (check, money-order, or express) and we will ship at once or later if desired the following 10 strong, 2-year-old, field-grown roses:

- 2 Red Radiance (best red)
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- 1 Betty U. prehard (deep red)
- 1 Free. Hower (red & gold)
- 1 Luxembourg (red, apricot)

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All above varieties of roses are strong, 2-year-old, field-grown, overhanging favorite roses to live and bloom in your yard this spring and summer. Bunch of similar type and quality frequently sold for prices of 50c each or more.

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America Reports on Vitamin B₁

[Begins on page 15]

Which plants are short of B₁ is being determined in Cal-Tech and other laboratories. Some flowering plants and shrubs tested show remarkable deficiency. Trees and shrubs apparently make less B₁ than fast-growing annuals and respond more positively to external additions. For example, beans and tomatoes make a plenty. But camellias make almost none and grow very poorly where there is no external supply.

BUT whoa there! "Gone With the Wind," and indeed the lush romance of the Old South, is lush with camellias. Moonlight, camellias, crinoline skirts, scarlet lips, creamy throats, more camellias—how the heck did they ever manage to grow them a hundred years before science discovered B₁? Just this: decomposed organic matters, like leaves, garbage, and animal manures, are stocked with vitamins, even though nobody knew it then. They always have been.

Does that explain anything? Does it perhaps explain why nurserymen and florists whose prepared soils contain great quantities of

of other plants, no advantage is gained. . . . It is hard for us to imagine that there are any particular differences between the soils of Pasadena and much of the rest of the United States. We certainly feel assured in our own minds that many plants may be benefited by addition of Vitamin B₁."

AND there's still one more clue to the vitamin's plant-growing power. *Better Homes & Gardens'* research department quizzed 2,000 users of B₁ to get their experiences. Two thousand families from Hoquiam, Washington, to Clearwater, Florida. Doctors, lawyers, butchers, bakers, homemakers, businessmen, club women. People who used B₁ properly and improperly, in rich soil and in

Make Your Own Tests

To test B₁ in transplanting, on seedlings, on cuttings, or as a growth stimulant, use no vitamin on some of them; but otherwise give them identical treatment. And then by comparing the vitaminized plants with the non-vitaminized, you'll have a measure of the vitamin's effect under your conditions.



Several B₁ dispensers are now on the market for watering lawns and gardens. Screwed nozzle-like on the end of the hose, they mix vitamin solution in the bottle below with water leaving the nozzle. Prices range from \$1.50 to \$4.50. Mrs. Phil Harris uses this one

vitamin-rich compost sometimes haven't seen the growth stimulation that has pop-eyed many an amateur? Does it perhaps explain why our own office plants, straight from a carefully managed greenhouse, did not markedly outgrow check plants given plain water?

Critics of B₁ believe it explains why some Easterners assert results obtained in California haven't been duplicated in the East. Southern California soils, they argue, are generally alkaline and organically poor; eastern soils have plenty of organic matter.

But at a midwestern university where the scientists are as good as the football teams are bad, botanists have studied B₁ for two years now. And they'll tell you that "Vitamin B₁ does greatly aid the growth of a number of plants; that when it is added to the soil or nutrient medium surrounding the roots

poor, in clay and in sand, on plants that respond quickly and those that don't. You can shoot this question-naire full of holes. Inadequate trial time. Too much stress on indoor plants. Often no check plants. Most unscientific. Amateurs—ha! Discount it. Rip it to shreds. But you still can't digest those questionnaires, as we did, and fail to breathe. "Man, it certainly does something!"

TAKE transplanting. Three out of five had used B₁ in transplanting. And in more than 8 out of every 10 cases—86 percent—there was no root shock, no wilting or setback. Moreover, there was no marked sectional difference: 88 percent of the experimenters in the central states reported no root shock, 81 percent in the South, 92 percent in the West, 89 percent in the East. Many of the plants had blooms on, and in 85 percent of those cases the blooms survived the ordeal.

In Nutley, New Jersey, William Wiener lifted five large-flowered mums and set them in his greenhouse. Blooms on the two untreated plants "wilted and never recovered," but the three treated plants "didn't bat an eye."

In Oklahoma City, Oklahoma, C. M. Story tried for four years to bring his pet poinsettia in for the winter, but the leaves always dropped. This year he left some of the soil on the roots of the six-foot plant and soaked it with concentrated B₁, and "it didn't know it had been moved." By the middle of November it had eight blossoms coming on.



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REX. D. PEARCE, Dept. K, Moorestown, N. J.

In Ashland, Oregon, Newspaperman G. M. Green bought some large stocks for his greenhouse. With the florist's warning that such large stocks wouldn't transplant, he victimized them and waited. "Today," he wrote a month later, "they are healthy, rapidly growing plants, surviving marvelously. It's due to Vitamin B₁, the florist and I agree."
In Arlington, Virginia, A. T. Stone carefully removed the soil from the roots of some 18-inch sultanas in full bloom, reset them in a window box, and watered them with concentrated B₁. That was at "midday under hot sun." Neither leaves nor blooms wilted in the least.

AND from Port Morris, New Jersey, comes this story from A. F. Anderson: "I was more than anxious to find out if B₁ would do all you claimed. As an experiment I transplanted a baby Rambler rose bush on which there were eight mature blooms and 65 buds. I prepared the hole, washed every bit of soil from the roots, soaked them in a solution of B₁ for 15 minutes, and replanted the bush where the soil was much poorer. The temperature rose to 83 degrees. I watched the bush closely and could see there was no setback. Every one of the 65 buds bloomed. Later I transplanted three rhododendrons in very bad condition. I washed the roots free of all dirt and soaked them in B₁. I'm very pleased to report that the rhododendrons immediately picked up. I can't say enough for B₁."

Every fall in Des Moines, City Florist George Dayson takes a number of large rubber trees and hibiscus and oleanders from borders into the greenhouse. "In years gone by," he says, "they all lost their leaves. This year I soaked the roots in Vitamin B₁ for 15 minutes. Results were wonderful; they started right off growing as if they had never been moved."

AND in Laguna Beach, California, is our West Coast garden editor, John Van Dyke Manning. Says he: "I moved some three-quarters-dead gardenias six weeks ago; they were down to single green sticks a foot high and had no roots. And with B₁ peatmoss, and cottonseed meal the best has put out 10 strong branches six inches long with beautiful, very heavy foliage. They'd never have done it without B₁."

Later Manning told us: "Moved two eight-foot Pittosporum undulatum in 90-degree hot spell 13 days ago. I butchered the roots on one, allowed soil to fall away, and soaked roots thoroly in B₁. Temperature went to 90 for four days and the plants got no shading. The butchered one wilted, shed two thirds of its leaves, and lost about four inches of tip growth on the softest branches, but the second has begun new growth. The second tree was normally balled, replanted with the other in full sun, and drenched with B₁. It showed not the slightest wilt or injury and now, 13 days later, shows new growth. I've seen hundreds of this species moved and never have I seen new growth begin so quickly, even with the best of care and shading. Without B₁, the butchered plant would have shriveled clear to the base in [Turn to page 82

New Way to Discover Amazing Grow Giant Flowers

Daffodils Big as Salad Plates

5-Inch Bud on Red Tea Rose

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5 Vegetables 10¢ each
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The Diary of a Plain Dirt Gardener

[Begins on page 10]

Bright sun shines warm. Thermometer spurts upward to fifty or more. Birds have a new and cheerful note in their chirps. You'll vow the grass has a slightly green tinge here and there. Snow all gone. It's time to think of spring and work.

I know a fellow over the way who has a little greenhouse where his early plants are already coming along. Maybe I should get our electric hobbed going shortly. I'll bet I could begin to haul soil from the



"The spell of that projected trip west was upon me tonight"

compost pile to patch up the lawn. Maybe even do a spot of spading. But drat it—it's too muddy.

So in spite of such an outdoor day, I looked about the basement instead and spied that window to the coal room. Two of the glass panes out of the three are broken. No man hath memory of when it happened. I've had them stuffed shut, more or less, with certain pliable materials much utilized by the Irish for such purposes. (I'll give you three guesses. Was it newspaper, overalls of summer before last, or empty plant-food bags?) Many a time has Maggie remarked in caustic tones about this.

But today, I'll repair that window. So I did. I measured for pane size. Into the tin in overalls I went, to the hardware store, and bought the glass. Back home, I put it in. The hardware store had its spring seed racks all out and filled with envelopes. But the owner was not there. Gone to Florida, the clerk said.

Feb. 8 Brother, this was one of those "Why go to California?" days, different from yesterday only in that the mud was a bit drier or a bit deeper. I'm not sure which. But mind you, I'm not fooled. That is why the boys and I labored in the basement at building some new shelves for over the table where Donald and I do our photographic work. And where in thunder are my wood chisels? No man—nor small boy either—seems to know anything about them.

Feb. 9 Daily the new catalogs from seed houses and nurseries arrive and, same as usual, there are pages and pages of new things. Some of these new things, such as the year's list of the All-America Selections of annuals, I

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Read about the new white "Pais" with jeweled buds smaller than a grain of salt. Entire plant the size of your hand. Also new yellow "Baby Golden Star" and "Tom Thumb" with tiny, fan-like foliage. Write today for the catalog and "Beauty With Roses."

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PLAINWELL, MICHIGAN

view with confidence. But some of the other things must be viewed as a venture. Maybe it is worth while. Maybe it is just a novelty that will have its little day and then pass on and out. That's what makes gardening so interesting.

I received a modest little price list today from Belden Saur, a perennial grower I know, who for years has sought new things. He has tried out about 30,000 new flowers from seed. I'd like to quote some things he has set down in this list:

"Both from necessity and duty, all wide-awake nurserymen are constantly searching for new plants to present to their customers. Every year hundreds of novelties are offered with flowing descriptions. Five years later but one or two are still to be found in the catalogs.

"Just because a plant is extremely rare or comes from the top of some mountain in Tibet or is a new bright salmon-pink color, does not classify it as a worth-while plant. New plants should pass these five tests:

"1. It must fill a definite garden need. 2. It must be good enough to replace some standard variety. 3. It must be easy to grow under general garden conditions. 4. It must be easy to propagate so its price will be within the purse of the average gardener. 5. It must be really beautiful in itself, readily attracting attention because of its own flowers and growth."

Feb. 12 Resumed basement reformation today. Sorted out and threw away old trash, to wit: Old paint cans with a little left in the bottom that I thought I might use some day. Old discarded coil from electric stove. Old bread box long superseded by larger one. Old toaster that went bad four years ago. Well, you know the sort of junk that a half-Scotchman as I be likes to keep on hand because he hates to discard.

(Note—I see I forgot to record, yesterday that on the way home I



"Old Bill Shakespeare never had English sparrows like we have"

bought Maggie a valentine ahead of time. Stopped to howdy with Joe Katona, the florist, and bought Maggie a dozen Briarcliff Roses, a dozen calendula blooms, and some sprigs of yellow acaia.)

Feb. 13 Warm day, thawing and muddy, but Donald and I wandered around with a camera and took some pictures. I am experimenting with glass wool as a winter mulch material. I have strips of it over some Canterbury-bells transplanted last fall, over some mums, over a portion of the newly planted perennial bed, and even over a few roses. We took pictures so we'll have a record of how the glass wool is

doing. Apparently it is one of the finest materials available.

Feb. 14 Warm again, so the boys and I gave the garage a valentine by cleaning it. What a job. We separated the material we found into piles. There were four wheelbarrow loads that went to the burn pile. Box full of junk for junk collector. Third box held potential kindling we rounded up.

Down amid the debris we found a trowel long since given up for lost, missing wood chisels under old road maps on work bench, and old toys. There were boxes in which roses came last spring, together with wrapping paper, string, and dried-up roots pruned off. Sacks that had been emptied of dry bordeaux. Cans that had once held dusting sulphur. Empty envelopes from which had once come seeds of petunias or turnips. Old catalogs. Old sacks that once held plant food. Maggie found us amid all these as she came back from a club meeting.

Feb. 18 At supper tonight Maggie related as how she had been out and had cut twigs of Pussy Willow and had them in water in the house. In a few days, the pussies will open out. "I'm getting anxious for spring to come, so I'll hurry it up," said she.

It begins to look as tho I'll have to make a business trip out to the Pacific Coast this summer and of course the family expects to go along. Maggie is worried about our car. She is sure that our old flivver, now gone, 30,000 miles, in which we made the trip two years ago, should be traded for a new flivver. Donald has shined up the old one, for he thinks that will do.

As for me, the spell of that projected trip was upon me tonight and instead of working or reading seed catalogs, I sat by the fireplace in my easy chair and dreamed and pored over a road atlas and sorta planned where we'll go. Gardens, flower-seed ranches, mountain passes, the old Spanish missions, the redwood trees, a sight of Mt. Rainier above the clouds—things like that.

Feb. 23 Big snow this morning, bitter zero, and I realize what a mistake Shakespeare once made when in a sonnet, in writing about the trees in winter, he called them "Bare ruined choirs, where late the sweet birds sang."

Old Bill Shakespeare never had English sparrows around his garage and under his eaves and under his front porch like we have. Hereabouts the boughs near where we have been feeding the birds are anything but bare. Those English sparrows were perched there in multitudes this morning. Soon the jays showed up, then the cardinals, all ready for breakfast.

I waddled out, swept bare a space and scattered feed, and then relied the feeding station outside the kitchen window where song sparrows feed. In a little while some the quail, timorously and cautiously scurrying along until they reached the food. Then flew up some birds that I take it were red-winged blackbirds—tho correct me if I'm wrong. Anyhow, our bird book says they sometimes show up in late February.

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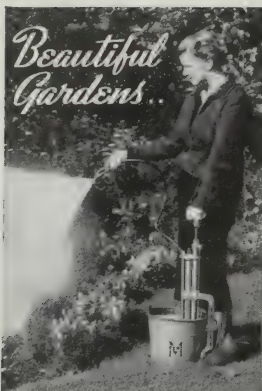
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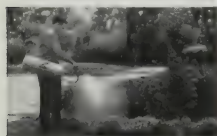
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America Reports on Vitamin B₁

[Continued from page 79]

a day and a half, and the second one would have gone back like the butchered one and not have recovered so quickly; there's about an even chance it would have died."

AND now look at B₁ as a growth stimulant. Nineteen out of 20 of these amateurs had tried B₁ as a shot in the arm to normally healthy plants—72 percent indoors, 47 percent outdoors. And on two out of every three plants B₁ definitely stimulated growth, they said. And again there was no marked sectional difference—74 percent in the central states reported stimulation, 64 percent in the South, 67 in the West, 62 in the East. The some plants responded in a week, stimulation was noticeable, on the average, in 17 days.

One out of three tested B₁ on one or more sick plants. And in approximately two out of three questionnaires—64 percent—the results were what our researchers summed up as "highly beneficial." In two cases it was charged the B₁ did some damage. Again there was no marked sectional difference.

Mrs. Carl B. Himmeberger wrote us from Wernersville, Pennsylvania, with brow-furrowing concern: "I transplanted my begonia three weeks ago and at once started Vitamin B₁, and now the plant is growing so fast I'm afraid if it keeps growing like this it may be too speedy. Should I discontinue feeding or will there be no ill effects later on?"

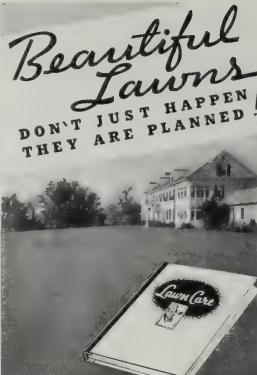
In Sioux City, Iowa, Mrs. H. P. Hildebrand "took up a lantana that had done nothing outdoors all summer, and now, with B₁, it has six large blooms on it and many more buds."

IN UTICA, Nebraska, Mrs. W. R. Hufnagle used B₁ on several plants that wouldn't grow. "Now," she says, "they're all growing like mad. My Grape Ivy that stood still all summer has climbed to the top of the window and is twining around the curtain rods and falling back over itself."

In Philadelphia, Pennsylvania, Mrs. Francis Stevick tested B₁ "on an almost-dead gardenia. It's a pleasure to look at it now. My neighbors can't believe it. New leaves are as big as two old ones. A new six-inch shoot has grown in six weeks. Two buds are developing and two more new branches forming."

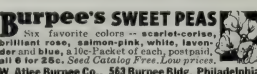
And across the country, in San Diego, California, W. C. Paulson tried the vitamin on a rose bush he planted last winter and on which he "hadn't seen any growth to speak of all summer. I had about given up on it, then tried B₁, and it's really amazing. It has grown about two and a half feet in the three weeks I've used B₁, and is full of buds with stems from six to eight inches long."

About a year ago in Fowler, California, a nurseryman gave Lionel Henderson a desertwillow growing in a five-gallon can—gave it to him because it was sick and not fit to sell. During spring and summer it failed utterly to grow. "Now, after a num-



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This bulletin published five times yearly contains up-to-the-minute facts on weed and other pest control. It is the practical guide to better lawns. Thousands eagerly await each issue. Mr. Clarence M. Parker, Cedar Falls, Iowa, says, "It is a positively wonderful collection of information." George L. Beck, Angola, New York, writes: "LAWN CARE is my treasured volume. Its suggestions enabled me to rid my lawn of weeds." Ask for *Lawn Care*, remember it's FREE! Send for your FREE Subscription today. O. M. SCOTT & SONS CO. 15 Main Street Marysville, Ohio



ber of weekly applications of B₁, it has 25 new shoots and is quite positively growing."

And here's another California incident. In Maywood a gas main cracked and gassed the earth around a rare tree imported from Tibet. It promptly dropped its leaves and began giving up the ghost. It was pruned, pampered, and fed to the tune of \$250, and still it was no go. And then came—right, you guessed it—Vitamin B₁. In 10 days young new leaves were popping out of the branches.

BULBS? Oh yes, B₁ has bulbs under its belt, too. In Council Bluffs, Iowa, Mrs. F. M. Ambelang planted four bowls of narcissus, put B₁ on two, water on two. In three weeks "the treated ones were twice as high and roots packed the bowls. Not so with the untreated." And in Allison Park, Pennsylvania, F. W. Cunningham took two lots of narcissus bulbs from the same source, put B₁ on one lot, plain water on the other. The treated ones flowered in five weeks, the untreated eight. And in Los Angeles Mrs. Walter Wilson started three bowls of narcissus bulbs at her usual time for after-Christmas bloom. But she used B₁. And her narcissus bloomed for Thanksgiving.

Down in Knoxville, Tennessee, Attorney K. E. Steinmetz watered his sternbergias and nerines twice with B₁, at 10-day intervals. They make their foliage growth in the fall, you know. After a month Steinmetz reported, "The foliage tops on the treated are way ahead of the untreated."

"SUPERSTITIONS" are common in gardening. Maybe you've seen some old-timer bury a teaspoon or two of wheat or oats at the base of plant cuttings he hopes to root. They're strong for it around the Mediterranean. Say it hastens rooting. Nurserymen dismiss the idea with a laugh. Crackpot stuff. But cereal grains contain both B₁ and Auxin, this root-inducing hormone you've been hearing about for the last five years; and together they're a triple-threat rooting combination. The only trouble with cereals is that they don't contain enough.

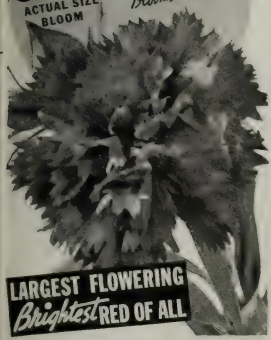
So who's the laugh on? Vitamin B₁ doesn't start root growth on cuttings. You use one of the commercial rooting hormones for that. But once the cells from which roots spring are formed at the base of the cutting, B₁ crashes in with a whoop and sends roots wriggling off in every direction.

At Cal-Tech, plants previously not profitably propagated from cuttings have been well rooted in two to four weeks when worked over by both Auxin and B₁. Cuttings taken at "favorable" and "unfavorable" times of year respond almost equally well.

AND there's another old wives' tale to which B₁ gives substance. Old-timers tell you to soak peas in water until they're cracked and their juices absorbed, then pour this liquor on the soil around seedlings. Makes 'em grow. Well, you analyze this pea juice and you'll find Vitamin B₁. Now who's crazy?

Watering seed flats with B₁ solutions doesn't hasten germination.

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As the Fireplace Goes SO GOES THE ROOM



Nairn-Sealex

A simplified mantel-shelf arrangement gives a room a tidy look

By Ethel McCall Head

I'M IN FAVOR of war—on ugly fireplaces!

Perhaps nothing can spoil for you the loveliness of an open fire, but there's no denying that just the right setting doubles its charm.

So if you've a room that seems not quite right, view your fireplace with a stern and critical eye. If you have an Italian villa or an English castle, no doubt that ornately carved siding and ponderous mantel will be suitable. But if you have an average American home, take simplicity as your guide and reap restfulness and quiet beauty.

All sorts of things may be wrong, but there's a way to right each of them. Heavy stone fireplaces feel very much at home in a cabin or lodge, but horribly out of place in a room full of delicate antiques. If you have one, it will take a smooth-plaster finish over the knobiness.

OR YOURS may be a fireplace with a top-heavy mantel. Grit your teeth and tear it out, substituting one that's in good proportion. Or it may be suffering from an acute attack of gingerbread, or of generally unattractive lines all out of keeping with the size and shape of the room. In a day a carpenter can shut out poor structural lines or gingerbread, stonework or too much red brick, and give you a casement fireplace of plywood or knotty pine, finished to flatter, not fight, your furnishings.

We mentioned red brick. If a wood casing doesn't appeal, try paint, or even lowly whitewash. It's a job you can do yourself and re-do when needed, and the effect is simple and surprisingly modern.

SO STUDY your fireplace. Don't let a single jarring note spoil the beauty of the flames.

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Best for 1940

[Begins on page 20]

especially its variety *grandis*. These
lovely blue, lavender, and purple
flowers open in March or early April.
Each petal has fur on the back which
is almost white. These anemones
enjoy sunny, dry locations in light
soils. This has been suggested as a
favorite by Walter Beebe Wilder, New
York rock-garden specialist and
photographer.

New Poppies: Oriental Poppies are
becoming increasingly popular, and
naturally better and clearer-colored
varieties are being constantly pro-



Giant Shasta Daisy Admiral Byrd
—undefeated by frigid climates



Brown's Yew—a spreading vase-
shaped yew of very rapid growth

duced. Recently, however, there has
been a sensational break in these
poppies in the production of the var-
iety called Snowflake. * The lower
half of the flower is pure white, the
upper half a flame-orange. This is
the first of the two-tone Oriental
Poppies. The flowers are large, pro-
duced on stiff stems, and the plant is
one of the strongest growers.

Perhaps the nearest golden-yellow
Oriental Poppy is Golden Surprise.
Larger than the old double Olympia,
a new double poppy, Salmon
Glow, has come to us from Dutch
origination after trial at the Wisley
Gardens in England. It's a salmon-
orange, strong, upright poppy.

Hemerocallis—Daylilies: Many
splendid new hemerocallis are being
constantly produced these days, but
one which has stood the criticism of
Europe as well as America is Hy-
perion*, the finest yellow lemon day-

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Box 289 Middlebury, Indiana

lily. It produces 10 to 15 stems on a
plant and each stem produces more
than 10 flowers. It does well in the
shade and defies hot, dry weather.

Wonder of Staffa Aster*: For some
few years now the Wonder of Staffa
Aster, also called *Aster frikartii*, has
been gaining in popularity. It's one
of the only perennials which is con-
stantly in bloom all summer and
shade. It does well in either sun or
shade and is fine for cutting. J. J.
Grullemans describes it as a laven-
der blue flower 2 to 2 1/2 inches across
and considers it the finest garden
plant introduced in 20 years.

Delphiniums: Delphiniums are
now becoming almost next to the
rose in popularity among amateur
gardeners. Picking out a few of the
best strains is a task, because so
many producers are proud of their
accomplishments in increasing the
grace, the size of the flower, and the
color range. Nevertheless, Opal
Scarborough says that she believes
the new Pacific Giants* will un-
doubtedly supersede most of the old



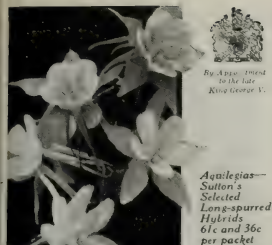
Petunia Victorious—all double
blooms, a crowning achievement



Cytisus kewensis—dwarf shrub
with creamy flowers; for dry banks

strains. They were originated on
the Pacific Coast and are especially
adapted to western conditions. They
are nearly mildew-resistant and the
stems are not as brittle as the Holly-
hock Delphiniums. They withstand
the wind and are ideal for cutting.
Flowers are frequently 2 1/2 to 3 1/2
inches in diameter.

E. S. Boerner, New York State
specialist, is particularly proud of a
strain of named varieties which are
being introduced this year for the
first time. For instance, there is a
new variety of the Belladonna known



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as Velvet Blue Cave. He considers it the best of the deep purple-blue Belladonna varieties. Then there is Divine, a lavender with a pinkish cast, stately in habit, vigorous and clean in growth. Dauntless bears lavender double flowers two weeks later than Divine. Desirable is a violet-purple with a narrow, wiry stem spike, quite resistant to wind and storms. Delightful varies in its blues, but it is the true delphinium blue, a lovely thing with very compact spikes of very double flowers.

Liriope: To northern readers the name "liriope" will be somewhat strange, but Southern and California amateurs will agree with Peter Nielsen that no plant is as good as liriope for permanently edging walks and borders or for the rock garden. Foliage is grasslike and sometimes variegated with yellow, sometimes with green. There are lovely, small, globular, blue flowers reminding one of the grape-hyacinth. Plants produce great tufts of growth and spread fairly rapidly.

Shasta Daisy Admiral Byrd's: As Cliff Corliss so aptly expresses it, "Here is a plant which does justice to its noble name, for it's undaunted by frigid temperatures and after the first big splash of bloom it returns again and again during the summer to its snowy-white splendor." This is a new, double, filled, very large daisy, noted for its unusually long blooming period. It has withstood a temperature of 20 below zero. Two-year-old plants produce as many as 20 to 25 flowering stems.

Better Shrubs

Viburnum: Some years ago when the Korean Viburnum (*V. carlesii*) was introduced, it created a real sensation, but now we have a superior variety, *Viburnum burkwoodii**. One of its parents is the Korean and the other is *Viburnum utile*. It's extremely hardy, withstanding 22 degrees below zero with only a loss of foliage but no injury to the wood. Its foliage is practically evergreen, and in best of all, its flowers are produced in great clusters. They are white with a pinkish tinge and *delightfully fragrant*. It won't be long before we see this commonly used for foundation plantings, for shrub borders, or used as specimen plants. It can be kept as a compact, dense shrub.

Eunonymus: The Eunonymus is a group of splendid shrubs, but there are several superior sorts which John Siebenthaler, Ohio shrub specialist, would like to bring to our attention. Thru the Middlewest where southern broadleaf evergreens don't grow, Glossy Wintercreeper (*Eunonymus carneri altissima*) succeeds admirably. The glossy foliage persists thru the winter. The shrub is very compact—about 4 feet tall and 5 feet wide. Something you'll want to look into.

Of equal interest is a variety of the Winged Spindletree, *Eunonymus alata compacta**. It's more compact than its parent. It grows 5 to 6 feet tall and usually as broad. It maintains its foliage close to the ground and attains beautiful pinkish foliage in October. It's not an untidy plant,

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[Continued from preceding page]

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Azaleas*: Dozens of species from America and Asia have been introduced into our gardens, but the Kurume Azalea is one of the best groups and is gradually being developed to a high degree of perfection. The plants are in bloom whether they are only 6 inches tall or mature, large shrubs. The foliage is completely hidden by the red, salmon, pink, or white blossoms. (Azalea and camellia pictures courtesy of Armstrong Nurseries)

Camellias*: Since the nurserymen have learned to propagate them more rapidly, camellias have been increasing in popularity. They require an acid soil. It's wise to add peatmoss to the usual garden soil. Mulching the roots is absolutely essential during the summer months. Mrs. Ole K. Olsen, New Orleans landscape architect, advises using dehydrated sugar cane as a mulch. It's said to absorb more than 500



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Chrysanthemum Sunny Boy—a yellow mum for early September

Photographs courtesy of Armstrong Nurseries



Calliandra tweedi bears great bunches of brilliant red stamens



Wonder of Staffa Aster is lavender-blue, deserves wider use



Blue-flowered Liriope muscari is ideal for edging in the South



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Along the Garden Path

REG. U. S. PAT. OFF.

WHERE READERS AND EDITORS EXCHANGE TIPS

Make a Garden Light

WITH A 5-GALLON WATER JAR, some rope, and a round of wood, I made an attractive garden light to hang in my Weeping Willow. I ran an electric cord thru a hole in the center of the wood and bottle bottom and mounted a large light bulb inside. I frayed out the end of the rope, as it hung below the bottle, to form a tassle.—Helen Brown, Calif.



Delphiniums and Coal Ashes

WHEN I CUT the stalks of a lily or delphinium, I always pinch together and bend over the tips of stems left. This keeps water from running down to the crown and rotting the plant. Another thing I've found helpful: I lost many delphinium plants over winter until an English friend told me to place coal ashes on the crown after the ground freezes. It's not the winter that does the damage but small worms in the top. The ashes keep them out.—Mrs. Ralph S. Bidwell, Conn.

Stepping Up the Garden

I'VE FOUND steps add much to the interest of a rock garden even where the drop is so slight that only a shallow step can be managed. They make an attractive spot of what would otherwise be commonplace.—Bertha H. Sloop, Kans.

To Hide Naked Poppies

TO FOLLOW my Oriental Poppies and hide their summer absence of foliage, I sowed Shirley Poppy seed in February. They made a marvelous showing during early summer, but in July became seedy and top-heavy. Out they came, and Fantasy Zinnias were sown in their places. They were in bloom in five weeks and lasted until frost. Next year I'll plant the zinnias two weeks before time to pull the poppies.—Helen Field Fischer, Ia.

There've been wondrous improvements in the shaggy-headed, twisted-petal Fantasy Zinnias.—Editor.

Sowing Tiny Seeds Easy

WITH A MEDICINE DROPPER it's easy to sow tiny seeds in a seed-flat row. I remove the rubber bulb, fill the dropper with seeds, and squeeze the bulb to force seeds into the furrow. If seeds are unusually tiny, decrease the size of the dropper opening by holding the end over an open flame until the glass softens.—Mrs. Ada Horton, S. C.

George Washington's Hint

GEORGE WASHINGTON told my great-great-grandmother that if she'd place every plant she wished to transplant in water overnight she'd lose very few, even in hot weather. We've kept this up and move our plants with success any month in the year.—Virginia Crosby, Ga.

Rhubarb Pie in Winter

DELICIOUS RHUBARB PIE in late winter is my reward for digging up rhubarb roots, letting them lie outside until thoroughly frozen, then planting them in a box in the basement and watering them at intervals.—Mrs. Will Schott, Ia.

Sweet Pea Supports

DISCARDED TENNIS NETS are just the thing to train Sweet Peas on, I've found. Wire gets hot in the sun and burns the vines. Be on hand for an old net when the playground superintendents in your town order replacement equipment this spring.—Mrs. Cleve Butler, Mo.

Morning-glories on Roses

I DROP MORNING-GLORY SEEDS beside my climbing roses. Then, after the roses have bloomed and gone, my bushes are bright with morning-glory blossoms.—G. S. Stallman, N. Y.

Cheesecloth Aids Lawns

WHEN I SOW grass seed on a steep slope, instead of holding it in place with burlap, I sow the seed and keep it and the bank from washing with cheesecloth spread over the slope and fastened with big nails. The cheesecloth rots away after the grass comes up, doesn't need to be removed.—Bonnie Nelson, Ga.

Easy Way to Remove Stump

OF COURSE, the best thing is to dig out an old stump, but that takes more energy than I possess, so I used this method: I bored a 1½-inch hole in the center about a foot deep, put two ounces of saltpeter in it, and plugged the hole with a ball of clay. I left this all winter long. When spring came and the stump was dry, I poured the hole full of crank-case oil or kerosene and set fire to the stump. Because of the saltpeter, the stump smoldered for weeks and finally was reduced to ashes. Even the roots were completely destroyed by burning.—Mary Cooper, N. Dak.

20Z. SALTPETER



For Cleaner Hands

A LOT OF GARDEN WORK can make your hands rough and grimy. I find it helps to work up a good soapy lather on my hands when I come in from the garden and then add a teaspoonful of moistened sugar. They come clean and stay soft.—Grace Wood, Calif.

Transplanting Gadget

TO TRANSPLANT small plants without disturbing the soil around the roots, I cut both ends out of a small tin can and push it down over each plant to the right depth. The ball of earth comes up with the roots undisturbed.—Richard Allen, Wash.



Rose Protection

HERE'S WHAT I consider the best way to date to protect rose bushes thru winter—I wrap my bushes with glass wool and then surround the roll of wool with chicken wire held up right with a stake.—E. R. Manley, W. Va.

Houseplant Waterer

TO RELIEVE NEIGHBORS of taking care of my potted plants when I'm away from home for several days, I set my plants in a circle around a bucket of water. Then I twist rags into wicks, one end of which goes into the water and the other into the pot. Water is carried slowly up the wicks into the pots. A 12-quart pail of water will keep half a dozen pots watered for over a week.—Mrs. Evans Wright, Kans.

Smells Like Christmas

TO BRING BACK that fresh, clean Christmas-tree odor to your house, gather evergreen cones and set them over the heat register in a wire basket. They may be set on and off to regulate the odor.—Mrs. W. C. Eilers, Ill.

Cellophane Plant Ties

THE CELLOPHANE that comes on all kinds of goods now—shirts and candy boxes and what not—makes good plant ties if cut into strips about an inch wide. The strips are strong and don't cut into dahlias, tomatoes, and so on, the way string does.—John Winter, Tex.

Use for Lawn Edging

I MAKE good potting soil for my houseplants out of the pieces of sod removed when I edge my beds and lawn. I stack it grass down, one layer on top of another, in a hidden spot

and leave it to decompose for a year. It's good stuff.—Jack Williams, N. Y.

Garden Glove Holder

NO MORE LOOKING under the wheelbarrow or behind pots for my garden gloves! I screwed a mouse trap to my garage wall and now I have a place to snap my gloves in as soon as I take them off.—Henry Hunter, Vt.



For Cyclamen-Lovers

AFTER PURCHASING a cyclamen in the winter, mine doesn't wither and die in a few days because: 1—I never water the plants from the top but put them overnight in 2 or 3 inches of water. I do this every other day. 2—In the spring I put the flower pots in the soil and cover them entirely; then I water the same as for other plants. 3—Before frost in the fall I remove the plants from the soil and bring them in the house. I have had cyclamens last 2 or 3 years, rewarding my labors with a profusion of blossoms to delight us all.—M. L. Sargent, Idaho.

Rabbit Injury

TO PREVENT RABBITS from eating bark from young trees I use strips about 2½ or 3 inches wide cut from burlap sacks. Starting close to the soil, I wrap the strips around and around the tree, working upward. Then I tie the top with twine and the tree is quite safe from attack.—Josephine Hegstad, Minn.

Saves Labor and Back

INSTEAD OF CARRYING heavy things like rocks and buckets of earth and balled plants in the garden, I roll or slide them into the bowl of my shovel and pull it, sliding over the ground. No sore back that way.—Helen James, Miss.

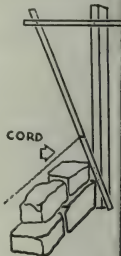
Rock-Wall Building

A ROCK retaining wall built to stand year after year ought to lean at least 2 inches to each foot in height. To remove guesswork I use a perpendicular stake to which I have attached a thinner strip at the correct angle. As each layer of rocks is added to the wall the cord is raised, and then the wall is perfectly in line.—Max Fuller, Ill.

For any wall over three feet high, one needs a good foundation trench for footing, otherwise it will collapse from beneath.—Editor.

How to Make a Birdbath

THE BURLAP tightly over top of a barrel or tub. Mix 1 part cement with 3 parts fine sand. Pour mixture on burlap. Wear rubber gloves and shape the birdbath with your hands. Be sure to push the cement well out to the edge of the tub. When dry lift the burlap and up comes your birdbath.—June G. Thompson, Mass.



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BETTER HOMES & GARDENS

VOLUME 18

MARCH, 1940

NUMBER 7

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GENERAL ELECTRIC

ACROSS THE Editor's Desk

REG. U. S. PAT. OFF.

SOMETIMES we have a notion that it would be very nice to move into a larger house. We may not worry very much about those marble staircases and luxurious swimming-pools that look so alluring in the movies. But we could do with one or two more rooms, and maybe a larger living-room.

And yet, before making a change, it is well to think things over. The biggest house to be had isn't of necessity the best house to live in. Whatever the size of a house, it should be adapted to the health, comfort, and financial circumstances of the occupying family.

To apply the argument, smaller rooms that are air-conditioned may be more pleasant than larger rooms for which this improvement can't be afforded. The smaller rooms are less expensive to heat, light, clean, and keep well decorated.



FOR THESE REASONS, the "stately home," as it was called, has gone out of fashion. Many of these mansions are in the market for purchase at any price or are offered for rent. Not a few have been given away and survive, if at all, as showplaces or institutions of some kind. People who used to move into larger houses are only too anxious to move out again. The bigger the property, the less attractive it is as an investment.

Consider, for example, those great palaces that millionaires built on Fifth Avenue in New York City and elsewhere. Here were monuments of exceptional wealth. But John D. Rockefeller, who is something of an expert on that subject, tells us that such wealth isn't intended for display. It's a solemn trust to be administered for the benefit of mankind, and he has therefore pulled down his father's house off Fifth Avenue.

On sentimental grounds we are sorry to see these picturesque landmarks of a rapidly receding past become no more than a memory. But it means that a more genuine civilization is advancing. We are ridding ourselves of wrong conceptions of the home, and are arriving at right conceptions.



SLOWLY BUT SURELY we are learning by experience that homes are shrines of life, enjoyed to the full by one generation and handed on to another, to be yet more fully enjoyed. This is what we mean when we say that there is no place like home. Nowhere in this world except in the home is life itself the one essential and absorbing interest.

The disappearance of the "stately home" means leveling down. The clearance of slums means leveling up. And the result of the leveling is the average home where people are living. This is the home *Better Homes & Gardens* is trying to make into the better home that it ought to be, and attention should be given to details that, on first thought, seem to be trivial. Let me illustrate:

Chairs in a museum, with their gilt and brocade, may be interesting as examples of style. But chairs in a home are intended to be sat upon, tho they should also be of good design. Books in a home should be books that people like to take from the shelf and read. Near the piano there should be music, not too difficult, that people can play. In every home there should be games ready at hand. They cost only a trifle and no evening is dull when a congenial party joins heartily in a game.



YES, DEVELOP FIRST the vital resources of the home that you have, whatever be its size, and the years may pass before you want a larger home. And it may be that you will never wish to make the move.

Editor

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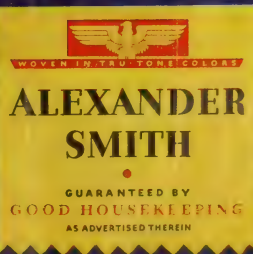
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 They were the center of a group
 Where laughing children played—
 They knew so little rest, these swings,
 And yet they never failed
 In giving pleasure and delight
 As thru the air they sailed.

The swings are still in wintertime,
 No longer do they sweep
 Between the vivid earth and sky—
 Close wrapped in snow, they sleep.
 And, oh, I like to think they dream
 Of swaying leaves and flowers,
 And children's voices, sweet with mirth,
 And drifting, sun-drenched hours!

—Margaret E. Sangster

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(See advertisement on page 90 in this magazine for information on J-M insulation for new homes.)

THE DIARY



of a Plain Dirt Gardener

REG. U. S. PAT. OFF.

By Harry R. O'Brien

Caricatures by Tom Carlisle

March 1 Home to work I come this afternoon. The first undone chore is the tools. I like to finish it before the wet weather sets in. So I rounded up every tool on the place, scraped off dirt with an old knife, sharpened edges with a new file, painted metal parts with oil, wiped off surplus, and polished wooden handles with an oiled rag. Donald was to help, but about all he managed to do was to take some flashlight pictures of me as I did the work. He thinks maybe somebody some day will want to see how we do it.

March 4 This Saturday marks the return to active business of Suburban Landscape Maintenance Service, Unincorporated and Unlimited—to wit, Donald, David, and Yours Truly, and by spells, Maggie. We rallied round and began another garden year in earnest. First job was to prune shrubbery and hedges.

I made the initial attack on the hedge at the northwest side of the garden, the one that is Maggie's pride and joy. She even hates to see me touch it. But it needs a general haircut and this I proceeded to do, armed with several kinds of tools. This isn't a formal hedge, tho it must be kept within informal bounds.

This hedge is Amur Maple, botanically *Acer ginnala*. It's vigorous growing and must be in a place where it has plenty of room. In summer, its heavy cover of light green foliage makes a thick screen behind which the utilitarian compost pile is hidden from visiting eyes. In fall the foliage is as rich as an Oriental rug.

While I was doing this, Donald followed me around with the reflex camera, taking pictures of the process and of a bagworm which I found clinging to a branch. David climbed on the tool shed. Donald handed him the camera and he took a picture from that vantage point.



"With David at the pump, we set out to spray the shrubs"

Now, sad to relate, much of our shrubbery is infested with scale. Don't ask me which of the various kinds of scale. I probably have 'em all. The lilacs, the forsythias, the elm trees, this maple hedge, and some other shrubs have scales. So I aim to give about every shrub and tree on the place a dormant spray.

With David at the pump handle and me at the nozzle, we set out to spray the shrubs around the house foundation with a dormant miscible oil spray. But the wind proved to be so strong that after one spray-ful, we had to stop.



"For two years I've uncovered roses while they're dormant"

(Note—To save space by condensing what happened on several other days, we were halted one evening when the weather got too cold. It isn't safe to put on miscible oil if it is down to 40 or below. We finished the foundation spraying with this oil, for it won't spot walls or walks or fence. Then to save expense, we finished up the rest with lime sulphur. This is easy to mix but is irritating to eyes and nose, so we had to be careful. Donald, four years older than David, worked better at pumping the sprayer, for he could give a stronger and more even pressure, and the better the pressure, the better the job of spraying.)

Donald and I cleaned off the cold-frame and electric hoisted and put on the sash. Over the coldframe I've glass, but over the hoisted I use sash of a composition material that is made over wire mesh. This is much lighter than glass, and Maggie or the boys can lift it off and on when I'm away from home.

Indoors, to hear the last act of "Il Trovatore" coming over the air waves from the Metropolitan Opera in New York. I've often tried to find words to relate just why I like to garden, why other folks like to garden. And here, Verdi has said it in song and lyric music when he wrote "Home to Our Mountains," that great duet in the last act of "Il Trovatore."

[Turn to page 104]



Read these letters from families who have bought their *second* refrigerator!

They are honest, simple, straightforward. They tell why more people every year are changing to Servel Electrolux—the only automatic that freezes silently with **NO MOVING PARTS!**



1 "This time we wanted silence—and no fooling!" writes Mrs. G. P. of Atchison, Kan. "Naturally, our choice was a Servel Electrolux. You can't hear a thing, even though you're right beside it in the kitchen. And friends tell us you never will!"



2 "What a relief—no moving parts to wear! That was reason enough for us to change to a Servel Electrolux," says Mrs. S. P. of Brooklyn, N.Y. "To anyone who's had experience with another kind, the idea of a refrigerator that works without machinery seems almost too good to be true!"



3 "Its simple operation convinced us that the gas refrigerator was the one to get this time!" reports Mrs. W. J. C. of Dorchester, Mass. "When we saw how a tiny flame takes the place of parts that move, we decided that Servel Electrolux ought to last us a mighty long time. And never get noisy, either."



4 "We can't say enough for the way it saves!" says Mrs. H. R. A. of Dallas, Texas. "Of course, my husband always takes the credit for changing to a Servel Electrolux. But really it was my doing. Our gas refrigerator runs for just a few cents a day, and this cost does not increase. Another thing, we never have to put out a penny now for repairs."

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**MOIST COLD
DRY COLD
you get
BOTH!**



DEW-ACTION FRESHENER. Moisture falls like dew from the under side of glass cover... keeps fruits and vegetables garden-fresh.

DRY OR MOIST MEAT STORAGE. Permits you to have dry cold or moist cold for meats, simply by changing position of the cover.

PLUS... these other big features: Adjustable Interior Arrangement, Frozen Food Storage Compartment, Trigger Release for Trays, Flexible Metal Ice Cube Release, 3-Position Sliding Shelf, One-Piece Steel Cabinet.

SEE SERVEL AT YOUR GAS COMPANY — neighborhood dealer's showrooms. Remember, your own gas company offers prompt service facilities for every Servel Electrolux it installs.

The
SERVEL
ELECTROLUX
Gas Refrigerator

Important

IF YOU LIVE BEYOND THE MAINS,
THERE ARE MODELS TO RUN

**ALSO ON BOTTLED GAS
TANK GAS or KEROSENE**

Write for details to Servel, Inc., Evansville, Ind.



Take a Tip

FROM BUILDERS
OF STREAMLINERS

Insulate your home with low-cost

KIMSUL

INSULATION



Mr. John W. Davitt, consulting engineer, Poestenkill, N.Y. remodeled and KIMSUL insulated this 150-year-old farmhouse. Mr. Davitt says: "I recognize that you have combined simplicity, flexibility, permanence, and high insulating value in KIMSUL so that the result is a first-class job of insulation . . ."

Millions of Square Feet Now In Use Prove KIMSUL'S Outstanding Ability!

● Builders of crack streamliners choose KIMSUL* insulation to add to the comfort of passengers! Engineers, expert buyers of insulation, also use KIMSUL to insulate motor cars, busses, refrigerators and wherever positive protection against heat, cold and noise is wanted.

Permanent Protection Against Heat and Cold

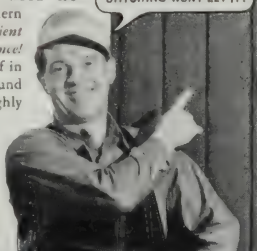
KIMSUL lasts as long as your house! It is made of the same material as your house! KIMSUL is wood—it's wood transformed by the magic of modern chemistry into one of the safest, most efficient and lasting home insulations known to science! KIMSUL is low in cost, soon pays for itself in savings on fuel while it provides year 'round comfort for you and your family. Highly resistant to fire and moisture, KIMSUL relieves you of all insulation worries.

Enjoy the comfort of a completely KIMSUL-Insulated Home. Find out how little it costs!

Mail Coupon Today!

*Reg. U. S. and Can. Pat. Off.

KIMSUL WON'T SAG,
SETTLE OR PULL AWAY
FROM WALL. THESE
ROWS OF STRONG
STITCHING WON'T LET IT!



KIMSULATE
for
year round
comfort

KIMBERLY-CLARK CORPORATION (Kimsul Division)
Established 1872 BHG-3
8 South Michigan Ave., Chicago
Send Free Book "Greater Comfort—Winter and Summer"
Name _____
Address _____
City _____ State _____

TATTLE TALES

Resemblance? Writes Samuel Halevy, Cambridge, Massachusetts: "The other day one of our neighbors asked us if we saw the picture of our boy on the cover of *Better Homes & Gardens* for November. She forthwith handed us the cover in which a boy and a little dog are enjoying a candied apple together, and lo and behold! There was a remarkable resemblance to our boy."

We'll leave it to you. Is there a resemblance? (See pictures.)

Spinach Glorification: Do you remember this Man Next Door paragraph?

"Nothing in the refrigerator seems to have the immortality of a small dish of leftover spinach. It seems to me the same dab of spinach has been behind the butter-bowl all ten years since we were married."

WELL, HARRY S. MORRIS, Portland, Maine, did, too, and he writes: "It required the mighty efforts of Popeye to remove spinach from its place behind the eight ball. Now we find it lodged behind the butter-bowl! Has the good wife of 'The Man Next Door' ever explored the possibility of warming up that little dab of spinach, and serving it in individual portions, each one crowned with a poached egg, with perhaps a slice of bacon added? Again, it may be served either hot or cold, garnished with slices of hard-boiled egg."

"The first method I learned from an Austrian chef; the second, quite by accident, at a fishing camp where a single campfire proved inadequate for cooking the several dishes which we hastily threw together as night descended upon us. Cold spinach tastes better than it sounds."

Post-mortems: A California reader calls Frank Brock and us to task on the reference, in a recent issue, to termites and the statement that termites begin at the ground. It seems that they have a pet variety in California which does do its dirty work in attics (drywood termites). Fortunately, only the subterranean termite is widespread over the rest of the country, the damp-and-drywood varieties being confined to certain regions.

OTHER AMERICAS: New York travel agency, shouts "Help, help," and asks us please to apologize to *Better Homes & Gardens* families that overwhelmed them with requests for literature as a result of the interest stirred up by *Better Homes & Gardens* recent article on Mexico. The bureau, like most travel service agencies, regrettably has no material for classroom use.

Last Article: The article in a recent issue entitled "This Hoosier Grows Lemons," by Benjamin Wallace Douglass, was published posthumously—albeit not by intent. Mr. Douglass passed away on December 6, just a few days before the issue carrying his interesting dissertation on Yankee lemon-growing appeared. Altho he was working on two books at the time of his death, the article was the last he wrote for publication; and incidentally, this is one of few posthumous publications in *Better Homes & Gardens*.

Cheering With the Cook Book: We pass this along as merely an interesting item. From a letter from Elizabeth T. Nelson, Evanston, Illinois, we lift the following:

"I find your cook book an unusually welcome gift. I have given one to a bereaved mother who had lost interest in life. One of her first normal activities after the drowning of her only son was making fudge for a school candy sale, using the cook-book recipe. Another I gave to an older woman, bedridden for months with a broken hip. It helped her pass many an hour, and who knows but that it helped her recovery? When my daughter, a student nurse, entered diet-kitchen service, I presented her with one. She has told me that all the dishes prepared from your book called forth praise."

"A BRIDE 'who knows nothing about cooking' asked me to recommend a cook book. Hers is one of the three I'm now ordering. This morning I'm giving another to a young woman from Bulgaria to take back to her native land as a souvenir . . . perhaps this gift is the most thrilling of which I've told you. It will be a surprise to her, and I can hardly wait till it comes. . . Of course, I love the book myself. It's the favorite of an actual five-foot shelf of cook books (including four editions of the Boston Cook Book) which I've been collecting for 28 years. I have a 1930 edition of the *BHG* Cook Book which has been used so much it's falling apart. . . Just had to go personal for once!"

Gay New Orleans votes

Swift's Premium "the best"

*FOR EASTER enjoy this ham
that wins in poll after poll!*



More women voted for Swift's Premium than for the next two brands combined!



Romantic old New Orleans, whose Mardi Gras attracts thousands of visitors, is also celebrated for its delicious food. In this city of gourmets, one particular brand of ham is the favorite. Swift's Premium!

Glorified for Easter! (Recipe by Martha Logan.) Wrap your Swift's Premium Ham loosely in the inner wrapper or in clean wrapping paper. Bake fat side up, on rack in open pan, in a slow oven (325° F.) without water. For cooking time schedules, read tag attached to each ham. Remove paper and skin; score; glaze with a syrup of 1 cup brown sugar, ½ cup honey, ½ cup orange juice. (Honey may be omitted.) Brown in hot oven (400° F.). The stunning, flower decorations are easy to make. Ask your meat dealer for free, printed instructions. Surround ham with nests of buttered noodles filled with buttered Brussels sprouts and carrot balls.

"What's the best ham?" In Washington, D. C., in glamorous Hollywood, hundreds of women had already cast their votes. Retail meat dealers' wives, too, had been polled throughout the nation.

In all three polls, Swift's Premium scored a smashing victory!

But how about the South . . . what do the women of New Orleans think? An independent research agency set to work to get their vote. The poll, made by interviews over the phone, showed still another tri-

umph for famous Swift's Premium Ham! Swift's Premium actually got more votes than the next two brands combined.

For Easter, why not serve the ham whose flavor has won it so many victories? No other brand can give you the special, mild richness that comes from Swift's secret Brown Sugar Cure, or the mellow tang from Swift's way of Smoking in Ovens. And this ham of marvelous flavor is spring-chicken tender, too!

Place your Easter order early . . . enjoy Swift's Premium Ham.

Copr. 1940 by Swift & Company



THE REASON!
Unmatched flavor
from Swift's secret
Brown Sugar Cure
and special Smoking
in Ovens!

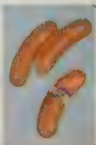


Ready to eat
(Red label)

For easy cooking
(Blue label)

*Say Swift's Premium for
the finest meats:*

**BEEF • HAM • BACON • POULTRY
VEAL • LAMB • FRANKFURTS
TABLE-READY MEATS**



REMEMBER, THE MEAT MAKES THE MEAL



THIS DEMONSTRATION of Vigoro's magic on grass began on April 25, 1939, as professional photographer A. George Miller prepared to record its effect with before-and-after Kodachrome pictures. It was on the lawn of Mrs. Irving K. Setz, 6508 Forest Avenue, Hammond, Ind. Miller's first photograph (immediate right) shows the "Magic V" outline made with three pegs and some twine. Vigoro was then applied *inside* the triangle only, a regular Vigoro Spreader putting it on at the recommended rate of four pounds per one hundred square feet. The pegs and twine were removed, the entire lawn watered thoroughly.

For two weeks the *entire* lawn was watered as usual and it was mowed once. No special attention was given to the area that was fed. (Continued on opposite page.)



VIGORO *magic*

RECORDED BY KODACHROME



PERHAPS YOU SAW "ROSES ON PARADE"

at the New York World's Fair. 8000 rose bushes in a garden of breathtaking beauty! That magnificent display was arranged by the famous Jackson and Perkins Company, Newark, N. Y. . . . and the entire garden was fed exclusively with Vigoro! Vigoro was also the approved plant food of the Golden Gate International Exposition at San Francisco.

For professional horticulturists and plain home gardeners alike, Vigoro has been producing gratifying results for 15 years. On lawns, flowers, shrubs, vegetables and trees, the vital action of this *complete* plant food has brought gardening success to millions. Feed everything you grow with Vigoro.





THEN, ON MAY 12TH Miller went out again with his Kodachrome film. The photo he got is shown at the right. Look what Vigoro did—in just 17 days. No need *now* for pegs and twine to mark where Vigoro went to work! Thick, luxuriant, silky grass, inches higher, rich green in color, strong and healthy, has filled the "Magic Y"! Notice how it contrasts with the sparse growth around it.

These photographs give proof of the wisdom of feeding grass a *complete plant food*. Vigoro *always* works because it supplies *all 11* vital food elements that growing things need from soil. You can make this demonstration on your lawn—or gamble with ordinary fertilizers. But why do either? Vigoro *your entire lawn* before the grass begins to grow—even before the frost is gone.

Grass on an ordinary lawn, Roses at N.Y. World's Fair, Vegetables in a leading University's greenhouse test . . . in unretouched photographs . . . all show the amazing effects of a complete plant food.



THIS CLOSEUP further emphasizes the amazing effects of Vigoro-feeding on the above lawn. Vigoro produces grass so thick and sturdy that in time it actually *chokes out* weeds!



TESTS ON VEGETABLES at the Botanical Greenhouse of a famous University prove that lack of *just one* of the eleven needed food elements will cause a complete or partial failure. All these radishes were grown in pots of sterile sand and given distilled water to drink. Their feeding varied. That fat, solid radish at the upper left was given all eleven elements. The next one to it got all but nitrogen, and the others, in order, lacked only phosphorus, potassium, calcium, magnesium, sulphur, boron, iron, copper, zinc and manganese. Even in the pots the difference was evident . . . pot C, for instance, with complete feeding, and pot —B with its lack of the unfamiliar but vital element, boron. For yield . . . and flavor, too . . . feed all your vegetables Vigoro, the complete plant food.

Feed everything you grow with

VIGORO

Supplies all the food elements needed from soil

A
PRODUCT
OF
SWIFT

FEED YOUR LAWN EARLY, before grass starts to grow. Easier then; you don't have to water it in. (Water down, however, if you live where grass grows year 'round.) Better; grass gets a big jump on weeds. Order Vigoro now, from your dealer; in bags of 100, 50 and 25 lbs.; boxes of 10 lbs., 5 lbs., and 1 lb.





IT'S JUNE-IN-JANUARY with automatic "Weather Eye". Nash Manifold-Sealed engine gives unvarying performance, flash starting, all year 'round; pick-up of 15 to 50 MPH in 12.9 seconds, *high gear*. Service everywhere at over 1800 Nash dealers. Call up—take a ride today!

Today's Your Day!

WILL YOU TRADE four stuffy walls for an amazing adventure—*now?*

Then come with us!

Don't say it's too cold. We will spin a dial and conjure up a warm May day . . . float you away on a cushion of air . . . then show you sights no motorist ever saw before!

You're going to drive that 1940 "Weather Eye" Nash.

Just hold on tight. This Nash just hates the ground it stands on! It has something *new* in power. Three flicks of your finger, and you vanish . . . then a Fourth Speed Forward cuts in—and the scenery goes by in double-quick time!

But wait—1940 has put a new thrill in that throttle! Press a little harder, and the new Nash Automatic Overtake *whisks* you by the car ahead.

You're in the country now, in a maze of frozen ruts. But—before your astonished eyes—that sleek and

slender hood out front stays steady as a rock—and you never feel the bounce from the wheels.

Cradled close to the flying road, skimming the powdery snow, you listen to the sweet whisper of that engine and relax in "Weather Eye" Spring.

What matter, if the way gets rougher, and the gale blows stronger? You don't care—for you've found winter can be *fun!*

From Sealed Beam lights to the convertible bed, a Nash is 12 full months a year of driving fun! Why take any car that offers less?

You'll find prices are next to the lowest . . . economy that's won cups in competitions . . . *and a record for long life that we believe is without parallel!*

Today's your day—call up now!

LOWER PRICES: from \$795—delivered at Factory! 4-door Sedan (below) \$875, includes Standard Equipment, Federal Taxes, White Sidevall Tires, Weather Eye, Rear Wheel-Shields, Fourth-Speed, optional extras.

\$795



RIDE IN LUXURY! It's the world's only car with amazing "Arrow-Flight" principle of front coil springs, and super shock-absorbers controlling synchronized springs in back. Nash longer life assures you higher resale value.



You'll be Happier in a **NASH**

PLANT-RAISING BUGABOOS *On the Run...*

On the Run with those much-fought-over hor-

mones which have hastened seed germination, made hard-to-root

cuttings take hold quickly, and produced fruits as fatherless as

that rabbit sired by a pinch of table salt. Will they work for you?

GARDENING was a cinch until science muscled in. If things didn't grow, they didn't, and that was that.

But since the professors began fantastic things like growing roots on flower petals and producing giant flowers with that old and deadly poisonous gout treatment, colchicine, things have become so befuddled that even the professors are beginning to complain. One recently lamented to us, "Ten years ago I knew all about floriculture. Now I don't know anything at all about it."

Beginning to crystallize, however, is this widely ballyhooed, much studied matter of plant hormones, or hormone-like chemicals called growth substances. Some of these substances are ready to go to work in your garden right now.

We've seen hundreds of hard-to-root cuttings well-rooted with these hormones. We've seen them rooted at the United States Department of Agriculture experiment station at Beltsville, Maryland. And we've seen them rooted all across the country to the California Institute of Technology greenhouses in Pasadena. There, six-month-old camellias and azaleas looked like two-year-old plants in size and flowers. Lemons and other fruit trees chemically rooted were considerably larger than normally rooted stock, most of the lemons already bearing excellent fruit at the adolescent age of nine months. One out of four avocado cuttings was striking root, where once not one in a hundred succeeded.

The evidence is indisputable. Tho plants vary sharply in their response, striking results can be obtained if the substances and cuttings are handled rightly. Often they aren't, and then the growth substances are damned. One trouble is that they've been recommended for many things they can't do.

What Are Hormones? In the laboratory, growth substances produce roots from plant stems, from leaves, even from fruits. Such spectacular work has tended to obscure research on many other uses. In animals, you know, hormones are secreted by the glands.

Effective in minute amounts, they make us tall or squatty, thin or fat, angry or affectionate, feminine or masculine. They change adolescents to men, and men, when some of the glands give out, to old men. They're found in such familiar secretions as saliva, pepsin, and urine; and even in body organs themselves, like the liver and kidneys.

That's just a sampling of how vital they are in making a man what he is or isn't. In plants their role has been pretty well mapped out. They're formed in the leaf, bud, or tip of the plant. And they regulate stem growth, new root formation, bud development, and setting of fruit.

Strangely, plant hormones are made by animals, and animal hormones by plants. Theelin, the powerful female sex hormone, is formed by plants and has a strong stimulating effect on plant growth when strong doses are added to the soil. Four thousand years before Christ, when nobody had any idea of hormones, the Egyptians believed they could diagnose pregnancy and even predict sex. To test if a woman was with child, they poured her urine over a sowing of barley and wheat. If the barley seeding was stimulated, the child would be a girl. If the barley growth was stunted and the wheat stimulated, it would be a boy. Experimenters at the Bavarian University of Wurzburg a few years ago checked on the method and guessed right in four out of five cases.

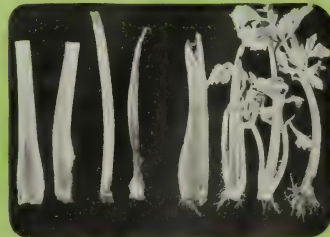
New Uses Discovered But to get down to more recent research. Four years ago a Russian, Cholodny, soaked oat, corn, and wheat seeds in an indoleacetic-acid solution—one of the plant hormones—and reported a 55 percent larger crop. Two years ago a Canadian, Grace, found that hormone-dust treatment of oat, wheat, corn, and tomato seed before planting resulted in much faster root development. And that same year two Germans, Amlog and Naundorf, reported that hormone treatment of old or sluggish seed stimulated germination, and on sugar beets produced a 157 percent increase in crop. And Stier and DuBuy at the University of Maryland reported [Turn to page 108



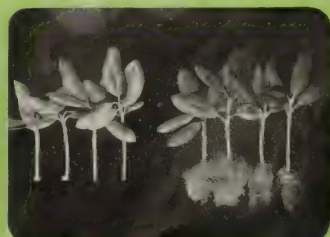
Three-week-old chrysanthemum cuttings—left, untreated; right, treated



Tomato stem on right grew beard of roots when bathed with hormones



Striking effect of coating hormones on celery. Hormones have other uses, too



Hormones are ready for your garden. Here's effect on rhododendrons

On the Run

with what looks like a fool-proof new

way of raising seedlings, not in flats of soil but in clean sand

... simple, easy, inexpensive

By Alfred Putz

SOILLESS plant culture, much ballyhooed, has developed a truly amazing offshoot—what looks like an almost fool-proof way to grow your own plants from seed. So remarkable are the results that it takes real effort to hold one's enthusiasm for this method in check for fear that, tho the truth is told, the account of it may sound too good to be true.

Instead of sowing your seed in flats of soil and hovering over them like a hen with chicks, you sow them in clean sand, water them with a nutrient solution, and forget about them for days at a stretch. And, strangely, they grow. Seeds that heretofore succeeded only in the hands of the expert reveal themselves as easy to grow as zinnias and marigolds.

This new method is simple and inexpensive. There's no shifting of the seedlings from one position to another—they can sit in full sunlight and take it. The bugaboo of watering is solved. No more need to worry about the right amount of water to be given at a time. Damping-off, that scourge of starting plants from seed, seems practically banished.

I'm one who looks with strong suspicion upon shortcuts and schemes that promise quick and fool-proof results, but this method has been used by a number of experimenters now, including the United States Department of Agriculture, with marked success.

Little Equipment Needed One appealing feature is its inexpensiveness. While shallow seed pans, either round or square, are preferable, a shallow box will do almost as well. The shallow, thin-walled, so-called fern pans are particularly nice to use. Whatever container is used, it must be scrupulously clean. Old soil and especially any scum must be removed with a stiff brush.

Besides the container you'll need clean sand of medium size. Clean it must be. All soil particles and dead plant material, including humus, must be removed by washing the sand in several changes of clean water. Builder's sand, tho it might look clean to the eye, is best subjected to a thoro washing, too. Stir the sand in the water, repeating as often as necessary until the water is clear.

All containers must have drainage holes, tho these openings admit water instead of letting it escape. To keep the sand from sifting thru these holes, they must be covered in some way without blocking out the water. Small squares cut from bronze mosquito wire, or a small wad of boiled, dry sphagnum moss serve well. The usual piece of crock can't be recommended, because if it fits tightly enough to hold the sand it practically blocks out water.

How to Sow Seed Fill the pans or boxes with sand to about a quarter inch below the brim. It doesn't matter if it's wet or dry. A little pounding will help settle it. Sow fine seeds like begonia, calceolaria, cineraria, and snapdragon right on the surface. Larger ones must be covered carefully. If large seeds are left on the surface, the roots, instead of entering the soil promptly, travel along the surface in search of an opening to enter. When this happens, replant carefully to correct the trouble. Once the seeds are sown, put a pane of glass over the container and then a piece of dark paper over this glass to shade the sowing.

Without further delay place the seed containers in shallow dishes of water. Until the seeds germinate, hold the water level within a half inch of the sand surface. If the sand is slow in absorbing water, lift the pan and with a stick carefully poke at the material above the drainage hole to dislodge it a little. This can be done without causing more than a few mere cracks in the surface of the sand.

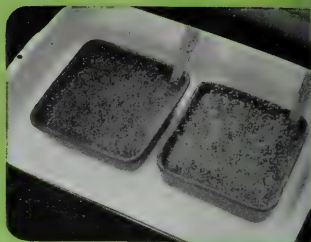
As soon as the seeds germinate, remove the paper and glass to admit light and air.

How to Handle Seedlings From this point on, another of your troubles disappears, because no shifting of the pans from one position to another is necessary to give them plenty of light yet protect them from direct rays of the sun. Seedlings in sand kept at a constant water level can stand right in full sunlight without the slightest harm. The abundance of moisture thus provided combats not only the heat of the sun but also the intensity of the light. If you should fear an excess of moisture as the seedlings gain size, it's a simple matter to lower the water level in the outside dishes.

And here's a point of extra importance. By choosing large, open containers for the water, you can leave for a weekend or longer, yet be sure the plants won't suffer in the least. For longer periods it's a simple matter to arrange for a constant water level by using one or two inverted gallon jugs which will keep the outside pan filled up to the level of the bottle's mouth, as shown in the illustration.

When to Feed Your small seedlings will thrive admirably in water and sand for several weeks without feeding; in fact, those grown for the garden appear to get along very well until quite advanced in growth. In the meantime, they'll make an extensive system of healthy white roots that are a pleasure to look at when transplanting time arrives.

Whenever feeding seems to be in order, replace the water with nutrient solution about one-quarter the strength the manufacturer recommends for adult plants. Altho there are many formulas for making your own nutrient solution, there are a number already mixed and on the market in liquid or in powder form. After [Turn to page 95



Petunias and snapdragons in sand and water, no soil. Outer tray holds water



Until seeds germinate, keep the seedling pan covered with glass and paper



Alfred Putz, the author, transplants some of his seedlings into a larger pan



The simple inverted-jug watering device which lets you go away for a week



Here are husky calceolaria seedlings grown in sand and transplanted to sand

On the Run with better-made, better-controlled cold-frames, which cost little, are easy to make, and yet somehow are altogether too infrequently used

By Winifred Hayward

TO MY MIND, a coldframe is the greatest fun of all gardening. After one season with my coldframe, one season of the joyful experience of nursing baby seedlings thru to maturity and being rewarded with success beyond my dreams, I wonder why I spent so many years and so much money in buying potted plants each spring.

In one season my coldframe has paid for itself. Plus that I've had the convenience of having everything at hand for planting and a good surplus of plants to replace those in the garden which, by accident or bugs, met an untimely end.

There's nothing complicated about coldframe management. Once you have one, you'll never try to get along without one, just as once you become accustomed to an automobile it becomes a necessity. The most common use is in giving plants an early start so that you have a blooming garden as much as a month ahead of season. But for propagation and for winter protection of half-hardy plants, a coldframe has no equal.

I've seen many coldframes and I've seen many seedlings rot off at the surface of the ground, and it seemed to me that I could make improvements at no extra cost to guard against such disappointments. I believe I have.

How I Built It Since coldframes should be in a sunny exposure and in a well-drained spot, my coldframe is built up against the south side of the house with the sash sloping toward the sun.

I bought three sash 3 by 6 feet, made with overlapping glass panes to guard against rain dripping in. The three cost \$7.50. Used bricks for the foundation cost \$3, and the lumber used to make a slanting framework on which the sash rest cost \$5. Total materials cost \$13.50.

Size of my coldframe was governed by the size of the three sash placed alongside each other—6 feet by 9 feet. The soil below the frame was dug out to a depth of 3 feet. This was filled with a foot of coarse gravel, and on top of that, a foot of cinders. This gave me good drainage. Around the edge on the cinders I laid four double rows of bricks to insure a firm foundation.

Inside the bricks on top of the cinders I poured a foot of coarse sand. This brought the bed up to ground level. (I use no soil in my coldframe.)

Two more double rows of bricks were then added above ground, and a top row then set across the last double row to give it a neat appearance. This wall, when finished, was 12 inches above ground level.

I've seen a number of coldframes made entirely of wood, but they don't last as

long and they don't hold the heat as well.

In sections having severe winters, a poured-concrete base is preferable tho not essential. It's heavier and tighter than brick, thus eliminating all cracks and retaining the maximum of heat.

On top of our brick foundation we made a wood frame in which the sash fit. It's higher in back so that the sash slant and thus carry off the rain and let as much sunlight inside as possible. After giving the frame two coats of white paint, we hinged the sash on the back edge of the frame.

To hold the sash up when open, we put a screw-eye in the edge of each. I have three tall posts available, each with several hooks screwed into it. Thus the screw-eye can be hooked into any of the hooks on the post and the sash kept open to any height desired.

Methods of Heating We ran an electric cable out from the basement into the coldframe and fitted up two electric bulbs inside. These bulbs are lighted when it's freezing outside, and in our Oklahoma climate they give just sufficient heat to keep the plants safe.

A thermometer hanging inside tells me when to open or shut the sash.

This method of heating wouldn't do for northern states. However, there are several electrical devices on the market for heating hotbeds to any temperature desired. The cost of such a heating set is around \$16 to \$18; the cost of operation depends upon how well the coldframe is constructed and how sheltered it is from winds. For northern states maximum current consumption has proved to be around \$4.80 a month while the coldframe is in use.

Plants must have fresh air. Even in winter your coldframe can often be opened during the sunniest part of the day, even just a little crack. I cover my frame on cold nights with old rugs.

I sow all my seeds in flats small enough to handle—5 inches deep and 16 inches square. I use a mixture of 1 part rich soil, 1 part leafmold, and 1 part sand. This mixture is sterilized with a dust made by mixing 5 ounces of commercial formaldehyde with 1.8 pounds of peatmoss. It should be stored in a covered container until used. One small handful is sufficient for a barrowful of soil. Soil may also be sterilized by baking in the oven, but this is a tedious method.

I disinfect my seeds with one of the commercial products sold for that purpose.

Sow Seed Six Weeks Early I usually sow annuals for summer bloom six weeks earlier than the usual time for sowing them in the open ground. But I [Turn to page 112

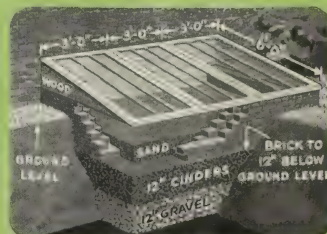
Year-around uses of coldframes are discussed in *Better Homes & Gardens'* 8-page leaflet g-c-4, "Hotbeds and Coldframes, Their Construction and Use," price 6 cents. For it, write 5203 Meredith Building, Des Moines, Iowa.



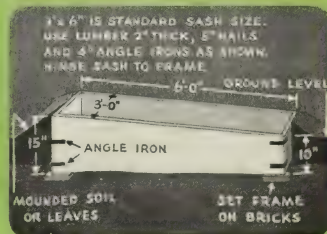
The author and her \$13.50 coldframe that gives her a head-start on spring



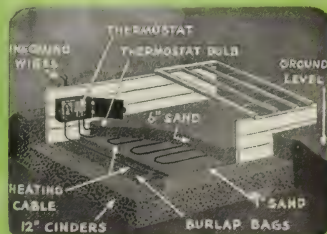
Hinged sash opened to show construction. Two light bulbs prevent freezing



Foundation details. Layers of sand, cinders, and gravel control moisture



A plan for an inexpensive, one-sash, wood coldframe set away from house



Another plan—using a lead-covered electric heating cable and thermostat



PAINTING POINTERS

Things you ought to

know to get a lasting, handsome

paint job at a fair price

By Carl Maas

BIGGEST piece of news in paint is that paint-making has become an exact science and that we've rediscovered color as an architectural weapon. The former you may have suspected; the latter may come as a surprise.

Until this trend toward color began, it seemed likely that the American landscape was soon going to be monotonously dotted with millions of gigantic cubes of white sugar. Our houses were losing their individualities in strait jackets of white.

There are two basic approaches to the use of exterior color. The first is color for color's sake. The second is color to correct architectural deficiencies.

There's plenty of precedent for color. European homes from the Mediterranean to the land of the fjords have long gloried in peacock brilliance. Pinks, blues, greens, yellows, grays, and browns have been used for peasant cottage and manor house alike. Richer and brighter colors have been used for accent and trim. Even in America we find an occasional salt-box house painted a brave barn-red and trimmed with white. During the early nineteenth century, despite the taste for white, we find many a Greek Revival house painted yellow, gray, or pale lavender-gray and trimmed with white or light blue.


Which Color? Factors determining selection of exterior color are style and type of house, materials it's built of, situation of the house in relation to the highway or street,

neighboring houses, background, and geographical location. Georgian, French, and similar formal styles of architecture should be for-mally painted light gray, beige, creams, and other off-white tints. More informal styles can be more brightly colored. In accenting the formal house, use restraint. In accenting the informal house, let your conscience be your guide. The small house can be made to appear larger by painting it a light color. Greens, blues, and other cool, light-absorbing colors are best in a bright, sunny climate. In other words, the barn-red house is beautiful against the rich summer foliage or the winter snows of a New England hillside, but it would never do at all in Florida or California. Aside from these con-

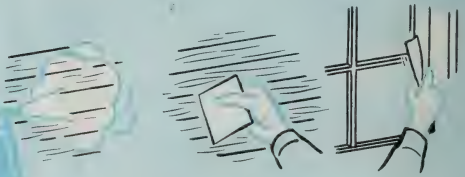
ditions, selecting a color remains entirely a matter of personal taste.

How Color Corrects Architecture Now consider the second basis for color—to conceal minor faults and bring out the best architectural points of your house. If your house looks too high or dormers seem too large, the chimney looks too small or the front entrance inconspicuous, don't gnash your nails in frustration, but correct these faults with color.


Warm colors—reds, purples, oranges, and so forth—are called advancing colors. Objects painted in warm colors seem to be larger, nearer, and consequently more important. Objects painted in so-called cool



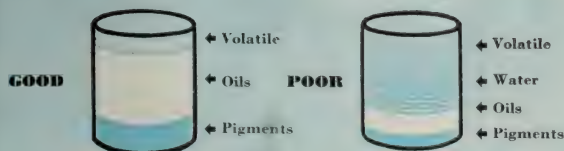
COLOR SCHEME Color can give a house come-hither or go-shudder. It can correct architectural shortcomings. Too-large dormers look smaller if painted dark like the roof. Too-small chimneys look larger if white with a black cap. Too-tall houses look lower if the second story is darker than the first, if shutters and windows are painted one color to make a horizontal band across the house



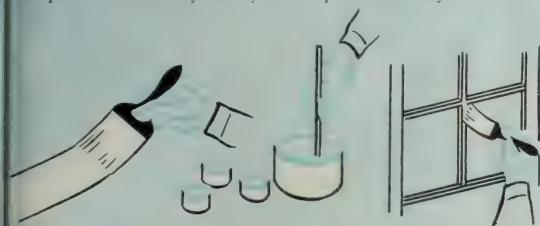
PREPARATION A good painter burns off peeling paint, sandpapers wrinkles, cleans gutters, nails down loose clapboards and shingles, replaces small pieces missing, touches up bare spots, and, after the first coat of paint is applied, putties cracks, nail holes, open joints, and around window glass. He brings his materials in their original, sealed containers, with labels intact, so you know what you get



WORKING CONDITIONS Painting is a fair-weather job, strictly so. Don't let your painter work when the temperature is below 40 degrees, because cold paint thickens too much for proper brushing. Don't let him work when it's above 90, or when the weather is damp, or before the morning sun has thoroughly dried the surface, or when there's excessive dust or many insects in the air



PAINT QUALITY Check the composition of the paint used. Reputable manufacturers make no secret of their formulas, use only such proved ingredients as linseed oil, turpentine, white lead, and other desirable pigments discussed in the story. Gyps gain bulk with useless materials such as chalk, sand, and water—sometimes as much as 35 percent water. For you, they're an expensive economy.



WORKMANSHIP AND SKILL Painting your home is no job for a "handy man," because spreading paint is only a part of the problem. Only an experienced man can do the work properly. Check up your painter's references and check the work he has done for others. The return on your investment depends both on the paint used and the degree of skill with which it's applied.



CONTRACT Put it in writing, with definite specifications, so there'll be no misunderstanding. Make it cover everything you want painted—the house, sash, trim, roof, blinds, screens, leaders and gutters, garage, fences, trellises—the preliminary preparation on each, the number of coats, and the exact paint for each coat. Specify that shrubs are to be covered, flowers protected, no litter left.

colors—blue, blue-green, and green—seem subdued and smaller. Things painted in opposite or complementary colors, when placed next to each other, take on an added importance. Thus when a white house is trimmed with black shutters, door, and trim, the white seems to take on a greater brilliance.

Now these principles can be applied to correct architectural shortcomings. Large dormers can be made to seem smaller by painting them a dark green that ties them into the roof, and then painting the sash bars and other trim white. An inconspicuous front door can be made more important by painting it red. A too-high house can be lowered by accenting any horizontal ele-

ments—by using contrasting colors for the first and second stories or by painting the shutters and window trim a color that complements the house. Thus shutters and window trim painted black seem to be a single wide element in a white facade. This naturally emphasizes the horizontal and thereby makes the house seem closer to the ground.

How to Choose Your Painter Gradually we're coming to know more and more about what a paint will and should do. Grueling tests are made not only on actual buildings, but in laboratories where various formulas are exposed to ultra-violet hour tests far in excess of natural conditions. As a result of this experimentation, reputable

manufacturers know paint failures are often due to conditions beyond their control. Therefore, all a paint manufacturer of standing can or will guarantee is the purity of his paint and the composition of his formula. An analogy to this would be that in spite of all the guarantees an automobile manufacturer can and will give, he can't possibly guarantee against wrecks caused by reckless driving.

Paint failures are often due to inexperienced, incompetent, or dishonest workmanship. Most of the factors that lead to paint trouble are things a competent painter will understand and guard against. Investigate carefully a painter's past performance in your community. You can tell something about him from the way he approaches your job. Before making his estimate he'll carefully examine all surfaces to be painted. His estimate will include puttying nail holes and windows where necessary. It'll provide for nailing all loose boards or replacing them. It'll provide for removing paint or touching up bare spots where necessary.

Why Paint Fails Paint is a surface material. Even the best paint will fail prematurely on a surface where moisture has gathered from condensation, or where leaks have developed because of faulty construction. If the fault is structural it must be corrected. The competent painter can overcome all danger of surface moisture by seeing that an exterior wood surface is never painted after even a slight shower, or during humid or foggy weather. It's good practice not to paint until the morning sun has thoroughly dried a surface. Painting in temperatures lower than 40 degrees is dangerous, not only because of surface moisture but because paint at low temperatures thickens too much for proper brushing and the necessary thinner sometimes impairs the formula.

Painters tend not to spread paint out enough. And inexperienced painters often add too much thinner to make it spread.

Painting new woodwork requires that the surface be clean and smooth before the priming coat is applied. If the wood contains pitch, oil, or resins, these substances should be rendered inactive by thoro drying and then coating the knots with shellac. Otherwise pine resin may discolor the paint.

Repainting requires a technique similar to that of new work. Loose paint must be removed by scraping, sanding, brushing, or by burning with a blow torch. If the old paint is burned off, a priming coat must be applied as in painting a new wood. Ordinarily the old paint serves as a primer.

Masonry surfaces can be painted with two types of paint—a linseed-oil-base paint following a priming coat of a tung-oil paint; or, second, a cement-base paint which ordinarily comes as dry powder to be mixed with water. With the latter type the wall can be painted while still damp, for the cement content bonds directly to the masonry surface and requires moisture to complete this process. But with oil-base paints the walls should cure until all moisture is eliminated.

Exterior paint should be brushed on with a full-arm stroke that will give a smooth, even, penetrating, and uniform surface free from laps or skips.

Other Paint Failures Blistering and peeling are caused by water [Turn to page 94]

PROBABLY the most attractive home development of its kind in the country is in Harbour Green, down on the south shore of Long Island. One architect, Randolph Evans, designed most of the homes in it. A specialist in small homes, a housing consultant for Bethlehem Steel and other corporations, Evans is one of the nation's best in small-home design.

From the homes built in this development in the last few years *Better Homes & Gardens* has selected two—a seven-room, two-bathroom Dutch Colonial, refreshing in its originality of detail, and a more economical six-room American Colonial, just as excellent a plan. Complete Bildcost service is available for either.

Low, simple, rather spread out, the Dutch Colonial pictured at the right is distinctive from its dooryard fence to its black-capped, 5½-foot-wide chimney. Because the attached garage opens on the side, the unsightly yawn of half-open doors doesn't despoil the street facade. This side entrance makes the plan especially good for a corner lot or a suburban quarter-acre.

You enter the house thru a little lattice-fence-inclosed, flagstone-paved dooryard, sheltered by the angle of the house and the overhanging roof characteristic of Dutch-Colonial design. The living-room, as Architect Evans puts it, is "truly beautiful." A large fireplace graces one wall between windows looking out to the front lawn and street.

And opposite the fireplace are glass doors opening onto the porch sheltered by a recess of the house—a screened or glassed-in porch if you want to inclose one side. Entered either from the dinette or living-room, this porch is an integral part of the first-floor living space and, if you like, can be finished as a full-sized dining-room, den, or office at little cost, because three walls and the roof are already there. As a screened porch, it's so convenient to both the living-room and kitchen as to be doubly useful. Even in northern states a screened porch overlooking the garden is one of the best rooms in the house five months a year.

AND NOW, especially if you have or anticipate an in-law problem, comes one of the best features of the design—the distribution of bedrooms. Two bedrooms and their bathroom on each floor make possible that "separate suite" arrangement which takes care of in-laws or gives guests the I'm-not-putting-them-out privacy that makes them at ease.

Or the second floor, with its stall shower and all, is good for children. Built-in bunks in the bedroom over the garage, besides saving space, make the room doubly attractive to them. Because the first floor is a complete home in itself, the second floor can be left unfinished until later if you desire. And while you're on the second floor, just look at that storage space under the roof—because it's so handy it's simply no end useful in keeping clutter out of other rooms.

Bildcost Goes to Long Island *and brings back to you*

working drawings for two outstanding Colonial homes designed by Architect Randolph Evans and

built at Harbour Green, one of the most attractive developments in America

WHEN you build an authentic American Colonial home—or an authentic Dutch Colonial—you're free from fads and the worry of your home's growing old-fashioned. American Colonial is already over 200 years old, and because its lines and proportions are clean and good, because the style is forthright and homelike, it's destined to last over 200 more.

That's one reason you'd be smart to build the American-Colonial home pictured at the right. It'll always be in style, no matter how styles change.

A second reason is that, while it gives you almost all the floor and living area of a full two-story house, it's short of two full stories and hence much more economical to build. You save about four feet of wall space all the way around—four feet of studding, sheathing, siding, and insulation. Yet look at what you get—six ample rooms, a screened porch, a built-in garage not apparent from the street, a powder room, a stall shower and tub in the bathroom, ample closets—about everything you get in a full two-story house except the attic.

A third reason is the convenience of the plan. From the center hall you can enter all rooms directly, both downstairs and upstairs. The powder room, almost an essential today unless there's a downstairs bathroom, is handy to all downstairs rooms and yet segregated from them all.

Outside, too the house is almost unadorned, carefully studied cornices and mouldings give a finish typical of Evans's designs. Exterior walls are cedar shingles painted oyster white. Long green shutters framing the first-floor

windows contrast beautifully with the white walls and color-accents the whole.

As in the Dutch-Colonial home, the feature of the living-room is the handsome fireplace flanked by doors opening onto the porch. Living-room windows look out to both the front lawn and the garden, and together with the doors send the slightest summer breeze rollicking thru. Of the porch itself we needn't say anything. If you've spent the summer on a screened porch we needn't tell you how close to heaven one can be on a hot day. And if you haven't, you simply won't understand until you've lived on one—eaten lazy suppers and breakfasts there, lounged there with friends and glasses tinkling with ice. Glassed in, it becomes a sun-room or conservatory.

EACH bedroom has an extra amount of closet space. You'll love this if you're the kind whose closets tumble things all over the bedroom floor every time you open the closet door. And the bathroom, located over the kitchen for plumbing economy, is within easy reach of all bedrooms. Like the bathrooms in the Dutch Colonial, it has attractive, easy-to-clean tile floor and wainscot.

Tho these two homes—the Dutch Colo- [Turn to page 98

Working plans for these two Bildcost Gardened Homes are available from Better Homes & Gardens. Construction of each conforms to FHA standards. How much will each cost you to build in your own community? See page 98

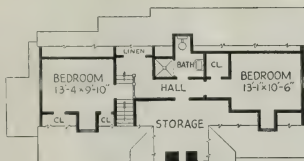
BILDCOST GARDENED HOME NO. 1003A, a wide-spread, four-bedroom, two-bathroom Dutch Colonial, is luxurious but not expensively "big." Below is a close-up of the front doorway, showing how the roof overhang shelters the doorway and sitting area



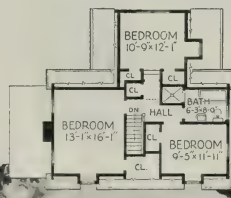
Photographs by Richard Averill Smith



First Floor



Second Floor



BILDCOST GARDENED HOME NO. 1003B, distinguished six-room American Colonial, loses little space in attic, includes such niceties as a cabinet shower-bath and downstairs powder room. Left-side-and-rear view shows the big porch, the "seventh" room in this three-bedroom home that's big and comfortable yet economical to build

Gypsy Gardeners



"The most persistent lawn-faker is 'Dr.' Franklin A. Miller, who travels in style, with a huge automobile and a liveried chauffeur"

They may not be gardeners, but they're usually itinerants; and their sales talk is more lush than will be the bloom on the plants you buy from them—the extra 'P' in Gypsy stands for Persuasion

By Frank W. Brock

Note: As with Mr. Brock's recent article in Better Homes & Gardens, we add: Patronize established local service firms and buy only from well-known national seedhouses and nurseries.—Editor.

GROWING wild in Texas you might find a little club moss, the resurrection plant, or the Egyptian-rose. It has no blossom and doesn't pretend to have. A peddler in Missouri sold this moss to home-owners for five times its value by saying: "Here's a beautiful flowering shrub, rapid-blooming and very rare."

Swindlers of the "garden variety" are trying to degrade the fine old art of horticulture into a cheap racket. By truck and automobile they travel faster than plants can grow. One sells dead rosebushes to a Toledo homemaker, while another in Wichita collects for landscape work which he never intends to do.

Ninety percent of the rackets are as standardized as lima beans, however. Home-owners who want good plants—not lovely promises—can soon learn to detect them.

Dormant-plant racket

Simplest of all plant rackets consists in offering a dormant Grade X Plant as something rare and costly. In Portland, Oregon, when Mrs. F. walked out to a truck, she thought the driver kept an azalea garden. A high-sounding nursery name was blazoned on the vehicle's side, and the bronzed man in gray working clothes looked like a horticulturist to her. Down from the truck came half a dozen azaleas, still leafless.

"This *Azalea indica* has an exceptional bloom," he said, fingering it tenderly. "Salmon pink with flecks of gold. I grew it."

Mrs. F. learned that the price was \$5 and uttered a slight gasp.

"Oh, I could never trust myself to care for such an expensive shrub."

The man laughed. "There's no need to worry. I come past here every day. I'll take care of any plants you buy until they come into flower."

Mrs. F. paid him \$20 to set out four exceptionally "rare" azaleas. She never saw the man again. Her plants proved to be azaleas of a common sort worth only 50 cents apiece. When she telephoned her story to the police, Mrs. F. learned that she was the eighth azalea-fancier to complain that day. The slowness of plants compared to the disappearing speed of the swindler had allowed the fellow to cover Portland thoroughly and take to the road.

By no means do all plant-racketeers arrive by motor. Last year one of them edged into the Sportsman's Show in Cleveland, posed as a nurseryman with a post-office address in Maine, and sold Chinese rose bushes with a guarantee that they would grow. Did he not issue a certificate with each bush? A woman who bought six, all of which died, wrote to him asking for new plants. The letter came back marked "Unknown—Box Not Rented."

Let an itinerant find a few bulbs and they immediately become "rare tulips." One of them phoned the caretaker of an estate in Missouri that he had brought \$9 worth of tulip bulbs from Honolulu, ordered by the lady of the house. Could he deliver them right away collect?

"Certainly not," said the caretaker coldly. "When Mrs. Roth went to California she didn't say anything about the bulbs."

Within an hour the caretaker got another call, this time from the owner's lawyer.

"About those bulbs—the florist just telephoned me. You'd better pay for them right away—phone the manager of his hotel to advance the money."

The seller of those far from rare bulbs wasn't arrested till he tried to collect \$19.85 each on two other shipments.

Lawn-racketeers

It's so difficult to grow a fine lawn that a normally hard-headed owner may listen to a minstrel who sells grass seed. Some seed refuses to sprout a hundred miles from its native heath, and these varieties are in great favor with lawn-racketeers. A few peddle sawdust as "genuine Kentucky Bluegrass," especially those who offer to sow the lawn. They don't hesitate to guarantee that it will thrive.

The most persistent lawn-faker is "Dr." Franklin A. Miller, who travels in style, with a huge automobile and a liveried chauffeur. Fat and sixty-odd, "Dr." Miller is noted for personal charm which can hypnotize most people.

"It was worth \$10 to be sold worthless grass seed by such an artist," a victim once remarked.

The Doctor is looking for home-owners with good-sized lawns, to whom he shows a two-by-four-foot box of handsome grass.

"Your lawn will look like this in thirty days," he promised a Wichita prospect. "My Evergreen Deep-rooted Grass grows on poor soil, on rocks, or right on your old weedy lawn."

"What I need," declared this owner, "is something to kill dandelions."

"Ah-ha! Evergreen Deep-rooted chokes out dandelions, weeds, and Bermuda Grass. But I haven't told you its wonderful feature. It grows vigorously to a height of two inches and then stops. No amount of water will make it grow any taller. My dear sir, your lawn will never need to be mowed again."

The prospect agreed to buy \$45 worth of seed; but Miller left town unexpectedly at a hint from the police. The Miller insists that his Old English Garden Company is "trying to smash the grass-seed trust," his usual price is \$1.50 a pound. The seed is just Meadow Fescue, a hardy pasture grass which seedstores sell for about 25c a pound. It certainly does grow fast. It's full of weeds as well. The grass is coarse and it won't stop growing at two inches or two feet.

Miller has been scared out of San Diego, arrested in St. Louis, and jailed in Peoria; he's getting paunchy and losing his charm; yet only a short while ago he was still selling "miracle" grass near Tulsa. Tomorrow she may visit your city.

The "complete-job" swindle

Quite a few transients now sell trees, shrubs, grass, and plant food in one coup, which they ambitiously term a "complete job of landscaping." Watch for a tanned man in overalls who drives an anonymous truck; he may be the kind of "landscaper" who found a Detroit man putting in his yard a profitable prospect.

"Friend," he said, hypocritically, "I just finished a contract at the Presbyterian church. Had some plants left over. How

In Portland, Oregon, Mrs. F. paid a plant-ped-

dlar \$20 to set out four azaleas he represent-

ed as "exceptionally rare." They turned out

to be a common sort worth only 50 cents

apiece! She never saw the "gyppsy" again



about doing a complete job of landscaping on your place—loam, plant food, grass, flowers, shrubs, everything? I can make you a good price."

Who ever expects to meet a perambulating botanical garden? The Detroit man took the gypsy to be an established grower and signed a contract requiring \$20 in advance and \$40 later. The "gardener" measured and paced, made a list of supplies, pocketed the \$20, and went on his way without setting out any of his "leftover" shrubs. He said he would return the next day, but he had no idea of doing so.

The landscape racket

This landscape racket is becoming widespread. A crew of men with a dark green automobile and a trailer have worked every middle-sized city in Texas. In Oregon a "one-man gardening racket" victimized a score of home-owners before he was jailed. After getting a contract, Carl would put in a few hours spading and then go to the home-owner wearing a lugubrious face.

"Collections are slow," he explained to one woman. "My youngest girl—she's only 7 months old—is sick and the landlord is going to put us out. I don't know how I can buy the plant food for your job."

"Why, we can just as well give you a check in advance," said his client. "We owe you \$30, don't we?"

"Yes, ma'am. My wife certainly will appreciate this."

Carl also promised to return the next day and didn't. Detectives finally clapped him into the state penitentiary for one year after he had confessed that his scheme amounted to simple larceny.

A more prudent landscape-racketeer might complete the work cheaply and collect the full amount of the contract, because it's safer to take money for shoddy work than for no job at all. At a St. Louis home the grass never did come up and the shrubs broke out in familiar-looking foliage—the garden gypsy had set out a modest buckbrush which runs wild in Missouri copes.

You can sometimes check up on an itinerant by phoning the nursery which he claims to represent, but this is so simple that a few garden-fakers now find it prudent to keep nurseries. About once a week there comes a cry of anguish from some owner in San Diego, usually one with a new house which has made him an obvious target. The gist of the story is that he has contracted with a salesman who promised rich topsoil and plant food, the finest plants, regular

watering, and replacement of shrubs which failed to turn out properly.

Instead he got a hasty and skimpy job involving thin soil, under-sized plants, and no further service. Phone calls to the nursery brought repeated promises that a man would call at once. But no one came. There is nothing to do in this event but go to court. Fortunately, not many cities are reporting such cases.

Hocus-pocus "tree doctors"

An ailing tree may prove a meal ticket to some transient "tree doctor." When hard maples near Kansas City began to die, one told owners that he could cure them with a special spray job, so special that each owner had to sign a contract. Before the "Doctor" could do his hocus-pocus spraying and collect, however, a scientist from the state board of agriculture reported that the trouble was borers under the bark.

"No spray can reach them," he declared. He showed the owners how they might go about saving the maples, and the spray expert left town in a whirl of spray.

Another Kansas City home-owner, who was grieved at the withering of his fine old maple, heard only the advice of the gypsies.

"Your maple is starving. Let me bury a capsule of my special tree food near the roots so that it will be carried by the sap to all parts of the tree."

Having paid the man \$5 to bury this treasure, the owner learned that the tree had borers, and the "tree food" was nothing but wood ashes.

"Sell-and-run" tactics

In New England a paunch-eyed man sold yellow powder at \$3.75 a pound for greenhouses. He called it "Cyanofume" and swore that it would kill plant pests. No bug, however, would hesitate to wallow in his cheap mixture of white flour with a little sulphur to give it color.

It's not wise to buy unbranded plant food from a transient, even though he has a clever sales talk like the dark Irishman who visited Cincinnati a few months ago (heavily perfumed with whiskey, say the reports). The product which he sold as "nitrate of humus" was just dry clay.

Strong plants and sparkling flowers were promised by the vendor of "Soil-Tone," who was thus able to get \$7.50 for a 50-pound bag. Houston owners spaded it into their shrubbery with disappointing results; and the mixture proved to [Turn to page 112]

Bloomers on



Fuchsia

This exotic beauty is an excellent shrub for subtropical climates outdoors, or as a houseplant anywhere

By Dorothy Hammar

FROM South America come the marimba, the carioca, and—most exotic of all—the fuchsia. Long after the marimba is silent and the carioca stilled, the fuchsia, tamed to our temperate climate, will remain to glorify our moderate gardens with its immoderate beauty.

The fuchsia was named by Botanist Plumier in honor of Botanist Leonard Fuchs—clever way these botanists have of immortalizing each other. Less technical folk call the fuchsia Ladies Eardrops for its nodding grace, and Gemflower for its burning color. All the varieties are pendulous except *Fuchsia procumbens* and *erecta*, and all are warm and vivid color combinations—for example, the scarlet and rosy purple Phenomenal, the lavender-blue and carmine Beauty of Exmouth, and the cinnabar and violet Coccinea Florean. When catalogs list an orange fuchsia, a color verging upon orange is understood. Thus Fulgens has an orange flush which would be disputed if placed next an orange zinnia, and the long tube of Cordifolia has four tips which might be considered clear yellow until approached by the Marigold Lemon King, when the yellow fades into something less than yellow. Magellanica is a tiny, ruby-red-flowered sort hardy in the Brooklyn Botanical Garden. Its variety Scarlet Beauty is also listed in the catalogs. These are worthy of trial. Most other varieties aren't hardy in northern United States, but they can be grown as houseplants anywhere. Purchased from a florist as small plants, they can be carried indoors thru the years or set in a shaded bed in summer.

What Fuchsias Like: Fuchsias prefer cool summers and do best in an equable temperature of 50 to 60 degrees. [Turn to page 80]

Fuchsias are outdoor shrubs in mild climates and pot plants in northern states. *Fuchsia magellanica*, at top of page, has blue petals and red calyx. Its variety Scarlet Beauty is hardy in northern Ohio. At right, Sunset has rose-pink sepals and orange-sunset petals. It was produced by G. Niederholzer, amateur



Cut off a fuchsia branch, slide it into a vase, and presto, you have this—a sample of how to decorate with this glamorous beauty



the Shady Side

Hosta

Perennial, unflinchingly hardy, it needs no coddling—no dusts, no sprays, no staking

By Fleeta Brownell Woodroffe



↑ In the rocks near a shaded pool we see the Wavyleaf Plantainlily in midsummer; the Lanceleaf below blooms in late September

✦ As tall as a 4-year-old child, the Blue Plantainlily, with lilac flowers and ample foliage, is used in front of the Snowhill Hydrangea

antly—very reliably—even in the shade.

They Come Plain and Fancy: While there are at least 20 forms growing in American gardens today, oddly enough the average garden visitor seldom recognizes more than three. The others attract and mystify:

“What do you call those plants over there with those rows and rows of bells with violet stripes?”

“What’s that with white bands all around its leaves back there under the redhaw tree?”

“What’s that darling plant in the rock garden with those wide blue leaves?—I never saw blue leaves before—and those fat little blooms, they look like wax flowers.”

I warn you—there’s something about plantainlilies that sets you, once you know them, to collecting the various forms. First to bloom and biggest and boldest of leaf are the Fortune, or Tallcluster, Plantainlily and the Siebold, or Cushion, Plantainlily and their many hybrids. These have striking mounds of handsome foliage and you can find plants in all possible gradations, from a plain fluted green to fascinating clouded blues with a seersucker finish. Leaves with blades 9 to 11 across and 14 inches long aren’t at all hard to find on well-fed, established plants. And that isn’t counting the stem. A top-sized specimen plant is something to be rightfully chasty about.

In a class by itself comes the best-known, best-loved, most-planted of all—the Big White Plantainlily. August- or Corfu-lilies they used to be called in [Turn to page 110



IF YOU'RE looking for something sure to bloom in shady spots, stretch out the glad-hand to hosta, or plantainlilies. Stretch it out expansively, wholeheartedly. Plantainlilies stand first when it's a question of shade. Smart people count them indispensable.

Plantainlilies are the perfect partners for more colorful performers. Big bombs of peony blooms, massive phlox heads, and flaming Oriental Poppies easily surpass them in size and showiness of flower, but the plantainlilies take second place to no plant in foliage.

They give us big mounds of bold and effective leaves that are exceptionally fine and conspicuous all season long. They are of ironclad hardness and among the least exacting of the choice plants every successful

border needs. They thrive and increase in good garden soil and need no coddling—no dusts, no sprays, no staking.

Plantainlilies are obliging in their timing, too, and alternate perfectly with the tulips. If you do a canny bit of planting, they'll cover the fading tulips and bluebells nicely for you with their fresh expanding leaves.

And then—what's pretty important also—they stage their attractive, if not so terribly exciting, bloom in what in many perennial gardens is the off-season. They come on, fresh and promising, after the gorgeous display of poppies, peonies, roses, delphiniums, and lilies is over, just when we're left breathless and the perennial beds are much, much too dull. And there is nothing at all stingy about them; they bloom exuber-



This story garden represents the famous book, "The Good Earth." The rectangular dish is a soft-green glazed pottery, the figure a Chinese priest. Branches of broad-leaved evergreens, miniature ivy, and three cutflowers are used



Ferdinand smelling flowers beneath the cork tree makes an amusing and informal story garden for a steak dinner. The tree is a shrub branch hung with clusters of small corks. The flowers are cut daisies, of course, but they might be planted crocus bulbs or florets from a forced branch

MARCH *Indoor* GARDENING GUIDE

By Fae Huttenlocher,

Associate Editor, Better Homes & Gardens

Let's Make a Story Garden: In March I always have a spell of mid-winter nostalgia. My winter bouquets begin to look so drab I chuck 'em with vengeance into the fire. The geraniums and begonias seem so sprawling and gauche I want to cut off their topknots. I am, in fact, in anything but a kissable mood. Nothing looks good; everything's a mess. Of course, I know what's needed. It's fresh air and exercise in the garden. But with spring waging her annual wet battle to break winter's grip on the icebound earth, I can't sit around the whole muddy month waiting for victory.

So what? The thought occurs, why not cut off the leggy tops of my houseplants and root them into story gardens? Here's how it's done. At one end of a shallow oval or rectangular pottery bowl I place a pin flower-holder in the position where I want my tallest branch. I stick a bit of modeling clay on the base of the flower-holder and press it firmly on the bottom of the bowl so the tall branches or plants it's to hold won't topple.

Then I sprinkle a quarter-inch layer of clean, washed gravel over the bottom of the entire bowl.

This is covered with tightly packed sphagnum or peatmoss into which I insert a few pieces of charcoal to keep it sweet. My cuttings from various houseplants are then placed in the tightly packed moss to form the little garden design and background I wish to create. If my cuttings aren't tall enough to serve as the entire background for my story garden, I go to the florist for flowering or evergreen branches.

I usually select a famous book, song, or current cinema for my story-garden theme. The figure used keynotes this theme, as in gardens pictured on this page. A wide choice of inexpensive figures are now available: at florists' shops and department stores. If I don't wish to bother making my own story garden I take a favorite book, song, or cinema theme to the florist, select my plants, figure, and container, and he plants it for me.

Story-Garden Dinner: Once my story garden is made I surprise a few friends with an invitation to a story-garden dinner at my house. Of course, they're consumed with curiosity to know

what it's all about. But I give them no clue. As a center decoration for my table I use one of the newly made story gardens. I always key the foods I serve to my story-garden theme. For example, with the garden of Manukura a curry supper is appropriate; with "The Good Earth" garden, rice, pork, and soybean sauce. And it's fun to use Ferdinand smelling flowers as decoration for a steak dinner.

The arrangement of succulents with a Mexican Madonna might be accompanied by a menu featuring *pollo en gruta* (chicken in a grotto), spinach ranchero, guacamole (avocado salad), and pineapple sevillana.

The famous Russian book, "Anna Karenina," by Tolstoy, has interesting possibilities for a decorative story-garden dinner or luncheon. Borsch (Russian soup), Caucasian Shashli, and tea might constitute the menu.

"Gone With the Wind" should be easy to gardenize for any one of those incomparable Southern menus with beaten biscuits and ham. "Show Boat" is another theme easily depicted in a miniature garden that's appropriate with a Mississippi menu of fried channel cat and grits.

"Drums Along the Mohawk," now famous in story and cinema, offers opportunity for an early American Indian scene with living greens in the story garden. The accompanying food might be typical of Old New York, such as succotash and sizzlers (fried pies).

Any one of Walt Disney's popular books or amusing characters promises fun. I particularly like those cute old-timers, Minnie and Mickey Mouse.

For a child's party of nursery-school age you might use the three-little-pigs or three-little-kittens story as a theme for miniature gardens. A more sophisticated age will like gardens made around "The Wizard of Oz" and "Gulliver's Travels."

After-Dinner Garden Prize: After dinner everyone guesses the name of the book, song, or cinema that inspired my story-garden dinner. The winner is rewarded by receiving the garden for his own, or a copy of the book that inspired it. Conversation following the dinner may naturally lead to a discussion of the book that inspired the evening, or perhaps to attending a current cinema which I may have chosen to keynote my evening inspired by this bit of March indoor gardening.

Plants, containers, and figures from Marc Leeds, Chicago



FAR LEFT: Manukura, inspired by an island and a song in that famous film, "The Hurricane," is represented here in an oval pottery dish planted with branches of evergreens, ground-pine, Trailing Arrowhead, strawberry-begonia, cactus, and Tiger Aloe. Any forced flowering branch could be substituted for the outflower orchid stalk

♦ "The Third Hour," famous modern novel of Mexico's uprising, is the theme of this charming story garden made by Mrs. Henry Frankel. A Mexican Madonna is elevated above the rosettes of hen-and-chicken plants that nestle among rocks in an old pewter plate or tray

MARCH *Outdoor* GARDENING GUIDE

MARCH is a mosaic of wind, rain, sun, and ice. We need to exercise a sixth sense as well as consult the weatherman to know when to trust tender plants to the elements to get them off to an early start.

All About Dormant Sprays: If close examination shows any of your shrubs, fruit, or ornamental trees actually have scale insects on them, now is the time to clean them up with dormant spray. This must be done only on days when the temperature won't drop below 40 degrees before the spray has time to dry on the limbs. The usual strength used is 1 part oil to 15 parts water, thoroughly mixed. Where small amounts are used and the agitation not very positive, the old emulsion forms of dormant oil are best. If your Pfizer Junipers are badly infested with juniper scale you may apply the same oil to them.

In general, however, avoid getting dormant oil sprays on evergreens, especially the broadleaf types such as rhododendron. When near other plants you're spraying, either cover them or wet them with water before spraying to keep the spray from sticking, and afterward wash off any collected material.

Dormant sprays also kill red-spider eggs. You'll see them—little round red drops—most likely on the branches of your fruit trees. These sprays may kill some of the small, black, football-shaped aphid eggs but if you have a heavy infestation on your fruit or Highbush Cranberry you'd best add one of the various tar oils—and follow directions very closely, as they are caustic.

Lift up the leaves of pachysandra and examine the stems for oyster-shell scale. If there's a moderate infestation, regular oil spray gives control. If the stems are literally covered, cut off the tops, leaving 3 to 4 inches of the old stems, and give them thoro coverage. They'll leaf out again thicker than ever, happily rid of their burden of parasites. The cut-off tops can be sprayed and rooted as cuttings.

Some trees are very sensitive to oil spray and it should be used on them only upon the advice of a specialist. A few of these are Sugar and Norway Maple, beech, oaks, and birch. Dormant sprays should be applied only as a control agent when there is actually something present to kill. They don't act as preventives. Don't neglect to wash the oil completely out of the sprayer when you're finished, as some spray materials you use later cause injury if mixed with oil.

Time to Trim: Cut to the ground the following that you wish to thicken up from the bottom: Snowhill Hydrangea, Anthony Waterer and Froebel Spirea, buddleia, privet, and barberry hedges.

Cut heavy or light according to how they have died back during the winter: vitex, *Calli-carpa purpurea*, *Kerria japonica* (the dead wood only, as it blooms on the old wood), boxwood, the tender loniceras such as *L. nitida* and *L. pileata*, hypericum, and other such plants that in some areas are not completely hardy to their very tips. It is seldom necessary to trim more than the dead wood.

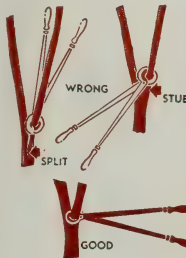
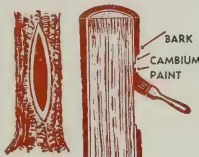
Get Seeds Started: Some annuals that you want to try: Torenia, for shade, blue, 6 inches; *Nierembergia hippomanica*, for border, 4 inches; hennemannia, for beds, clear yellow, single, 12 inches; and Scarlett O'Hara Morning-glory, to grow on stakes about 4 feet high as an accent in the garden. Dwarf Peony-flowered Petunias, especially Pink Glory, are somewhat different from the usual double petunia and make a very good showing. Try a large bed of pink Drummond Phlox Chamois-rose with a few small-flowered

By **Harvey Bicknell**



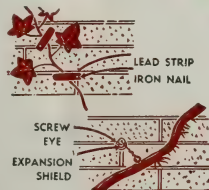
← Frost cracks appear in tree trunks on the south side after a sudden freeze follows warm weather. Fasten the bark with tacks

Trim wounds in bark to point at top and bottom and apply tree paint, keeping it ¼ inch away from the growing layer of the bark, called cambium



Don't use loppers with the blade between the branches, as this usually results in splitting. Nor should stub remain; rather make a clean cut near the larger or main branches

Use a small hook saw to cut large canes out of overgrown shrubs. Don't leave old 6-inch stubs. They may decay down, even to roots



When vines blow loose from the house, fasten them with one of these homemade vine-holders shown in sketches

Peach leaf-curl causes leaves to wrinkle like bacon cooking. Spray with lime-sulphur now



light blue *Browallia Elata Blue* in the center. Coltsfoot Hybrids are single annual dahlias grown from seed, becoming 18 to 24 inches high, and which give a lot of color in the garden in open spaces from August to October. Sultan Balsam is pink, 12 inches high, and excellent for shade. Cuphea Firefly is a 10-inch red-flowering plant of interest. It flowers in 14 weeks from seed.

Feed Lawns Early: It's vital to feed early. Any burning from spilled plant food will show but little and the grass will get an early start against the weeds. Be careful, however, of pushing a fertilizer spreader across the lawn when the grass is still stiff with frost. The wheels will crush the blades to a point where the tracks will show up brown. Wait until the frost is gone and the blades dry. Feeding on the last snow has its merits; you can see where the spreader has gone and no burning results.

Seed when the ground is still honeycombed and the seed will plant itself without raking in.

For sunny locations the grass-seed mixture should be about two-thirds bluegrass, and for shady areas should have at least one-third New Zealand Chewings Fescue. Inert matter of over 3 percent should not be accepted, nor more than 1 percent of weed seed. Annual ryegrass may be used in mixtures for new lawns and may be the answer in extremely shady spots. It will die out next winter but the shady mixture you have been using probably didn't last that long. Seed mixtures containing annual ryegrass should be proportionally lower in cost.

Clean Up for Better Bloom: In Lewistown, Pennsylvania, Chillicothe, Ohio, and Centralia, Illinois, start to remove mulch and winter protection toward the end of the month. Leaves left too long over narcissus and tulips make the stems crooked, yellow, and tender and they run the risk of more damage than if they are uncovered and allowed to harden. Take the manure off the roses but leave the dirt on until the buds start to swell. Get the heavily matted leaves off the myrtle, ivy, pachysandra, and other groundcovers before growth starts.

Pick off old dried diseased fruits of peach, plum, and other fruit trees and burn them to prevent the spread of disease.

Plant Roses: Roses should be put in the ground at the very first opportunity. In Cleveland, Detroit, and Davenport, plant roses this month. Work well-rotted cow manure into the soil and add a plant food that is high in phosphorus and potash. Use a handful per plant well mixed into the soil 6 inches each way from the plant. Experimental evidence indicates that plants growing in high phosphorus and potash soils are less susceptible to black-spot injury.

Pest-Chasers: Peach trees that last year had leaf-curl, a disease that makes the leaves turn yellow and crinkle up like bacon cooking, should be sprayed before the buds swell. Use dry lime-sulphur—¼ pound per gallon of water. If there's scale on the tree use bordeaux with oil spray.

Flower Shows to See: For March 11 to 16 you need only decide whether you would like to visit New York, Boston, or Philadelphia to see a marvelous flower show. Chicago has one March 30 to April 7; Detroit, March 25 to 31; St. Louis, March 9 to 17. Take your notebook and make it your goal to learn as many of the dwarf species of narcissus, spring-flowering Dutch Crocus, improved Spanish or Dutch Iris, and fritillaria as you can find. Many of these small bulbs have merit for your garden.

Relieve your Window Pains

THE SIXTH OF A SERIES OF FEATURES ON FURNISHING AND DECORATING YOUR HOME

WHAT shall I do with that window?" It's a poser that turns up a good many times in any woman's homemaking career. But it's one that isn't nearly as tricky as we're sometimes led to believe—not if we'll tackle it with the same enthusiasm, originality, and good sense we use in selecting the clothes we wear.

It's pretty well accepted that curtains, blinds, and draperies (or a combination of two or all three) are needed to control and diffuse the light, to add privacy to our living, to blot out that hard, dark spot at night, to soften the harsh lines of the window frame. But nowadays the well-dressed window isn't always the over-dressed one. "Millinery" effects no longer satisfy us. The smartest window treatments, whether for cottage or elaborate room, may be those of incisive, simple directness. We want a fabric that's decoratively correct, its color and pattern perfectly completing the background of the room. But we insist on a drapery that's well tailored and properly installed, not one that merely boasts an intricate design. Let's do remember, tho, that the window is one of the largest vertical areas as well as the source of light. It commands our attention the moment we enter the room. Windows relieve the monotony of a long, flat wall. But never let them become so emphatic that they step out of their background position and clamor for foreground honors.

LET'S stop to define that sometimes misunderstood term "glass curtains." Glass curtains are used directly against the window. They're usually of a light-weight material, but running the gamut from sheer voiles, nets, and gauzes, thru celanese, organdies, and the host of novelties on today's curtain market. Those guaranteed sun-and-tub-fast are the best economy if your budget won't allow frequent changes. White, cream, flesh pink, rosy beige, and light yellow are our most popular colors for glass curtains. As light filters thru the curtains it casts a glow of the color over the room. These light, warm tones are more agreeable and flattering to us used over window shades that tone with them than, say, the wash of a pale blue or Nile green. Then, too, these light colors are more steadfast in the sun. Glass curtains should always be amply full. There's nothing more woebegone than a room with an inferiority complex caused by skimpy curtaining.

The questions most frequently asked about glass curtains have to do with their length, and whether they should hang straight or be tied back. In length, they should just clear the sill, come to the end of the apron, or fall directly to the floor. Never stop midway between sill and floor. The short curtain is considered more informal than the full-length one and is most popular in cities where frequent laundering is required. If you wish to use glass curtains as the sole window decoration, usually they're more effectively interesting if taken straight to the floor, not bobtailed at the sill. But glass curtains look best when hung close to the window, always leaving space for your window shade or Venetian blind to work freely, and if your window is recessed, with a wide sill, a full-length curtain obviously won't work.

IF YOU want to relieve the monotony of too many straight lines in a room, the added curves formed by tying back the curtains or draperies will counteract this "tightness." Tie-backs, however, generally seem to lend a note of informality when used with glass curtains.

However, the large sweep of curtain in a modern room, one that is held in by a long tie-back, falls more in the category of a *special effect* than in that of everyday tie-backs.

While ruffled curtains do sometimes look especially smart hanging straight and full to the floor, they seem (thru custom perhaps) to lend themselves more readily to being tied back. But never pull them so taut at the tie-back point that they look choked and strained. And avoid that halfway point for the tie-back. One-third down from the top or up from the bottom is a good average, tho not a hard and fast rule. Interesting is a white curtain finished with a hem top and bottom so it can be reversed. (See illustration on page 70.)

TO GET your best effect in tying back curtains, make a small slit in the seam where the ruffle joins the curtain, slipping your tie-back thru at this point. You'll be pleased with the graceful, uninterrupted ripple of the ruffle from top to bottom.

If you're going to crisscross your tie-back curtains, be sure they're wide enough to make a full sweep from one corner to the other, not form just a hard little V where the thicknesses cross near the middle. The height [Turn to page 70

*It's done with wisely chosen,
skillfully hung glass curtains*

By Florence B. Terhune

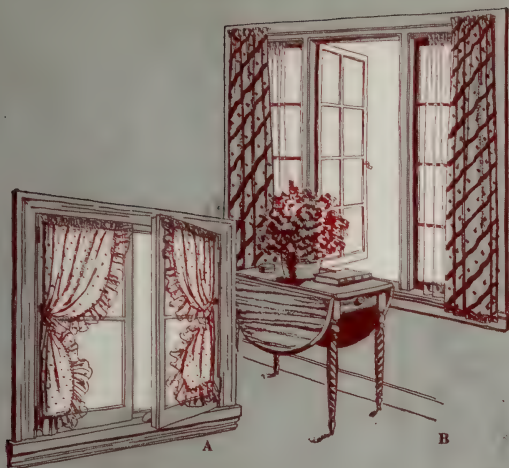
Drawings by Harry Richardson



In crisscrossing your tie-back curtains, be sure they're wide enough to make a full sweep from one corner to the other, not form a hard little V where the thicknesses cross near the middle



If your French doors lead out of the house, tie them in with the room's other windows, holding the glass curtains top and bottom on narrow rods. Hang draperies on swinging fixtures

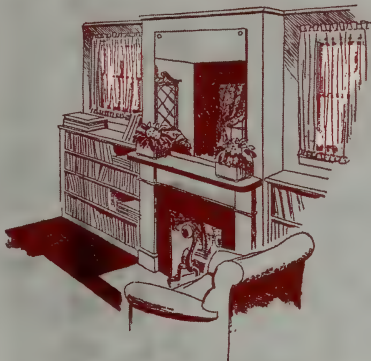


Casement windows are difficult to handle, as they may open in or out. When they open in, you may fasten the curtains onto the window (see Illustration A) or hold them top and bottom on narrow metal rods. But when they open out, it is usually best to fasten the curtains to the inside frame of the window so they will not blow out (Illustration B)



Groups of two or three windows separated merely by window trim should be treated as a single unit. Glass curtains are hung all the way across, or drawn to each side as illustrated; draperies are hung only at each end, with a connecting valance

Pesky little windows over bookcases at both sides of the fireplace are too small to have much importance, yet significant enough to be a problem. Treat them as simply as this, using sheer curtains that have small heading top and bottom, or even use Venetian blinds



The short, full glass curtain is generally considered more informal than a full-length one. In cities it's more popular because of the need of frequent laundering. Of course, over radiators or deep shelves it's the only curtain possible because of interference



This interesting curtain effect, in the bedroom of a Better Homes & Gardens family, is developed with three pairs of light beige net lace curtains, one pair for the glass curtains, one pair for side draperies to the sill, then one pair cut, seamed, and shirred to give double fullness to the gathered flounce. A valance with wide gold satin ribbon thru it is of the lace net left over from the flounce and curtains. The attractive matching dressing table took just another pair of the curtains, and the gold ribbon was repeated

Home Window Decorating Guild



Wall News This Spring

By Christine Holbrook

Director, Better Homes & Gardens' Home-Furnishings Department



Fred'k Loeser & Company, Inc.

↑ Simple, painted walls form the most flattering of backgrounds for the rich hues and clear patterns of modern chintzes, made up into draperies and upholstery. Each heightens the beauty of the other



Naum-Sandak



The Celotex Corporation

↑ Refreshingly different without being in the least bizarre, this dining-room boasts walls of white linoleum divided into huge rectangles by means of incised lines tinted a light brown. This wall treatment is an interesting tie-in with the decorative linoleum floor

↑ Style is created in this maple-furnished room by the utter simplicity of the well-proportioned, textured fiberboard used in the Early-American manner on walls and ceiling

Dining-rooms, with their standardized furniture, like formalized and often striking wallpaper. This one is guaranteed washable, sun-fast, wall-tested, and style-tested



United Wall Paper Factories, Inc.

EVER notice how, with the first tingle of spring, walls take on a pleading look, begging for bright new faces? And this spring it's going to be high adventure shopping for them, for stores are blooming with enchanting ways for making old walls look like new.

If you love color and design, you've a world of wallpapers and wall fabrics to revel in. And today most of them are washable.

Or perhaps you'll select this year a textured fiberboard. It's improved amazingly in the last few years and can be applied in scores of novel ways. No longer need it be that neutral oatmeal color. Many kinds come softly tinted.

Study the photographs. Today's textured fiberboard can be used in parallel or horizontal panels, some of it in squares or tiles. It's a practical sound-quieter, often with

the advantage of an insulating quality.

This year's wallpapers are the handsomest yet. More colorful, more practical in design, they've large patterns or small to suit your rooms. In colors, dusty-rose backgrounds lead the way, with soft shades of blue close seconds. Refreshing after recent dark wall-coverings are the pure white ones against which clear green patterns and charming posies stand out boldly. Stripes are everywhere in every imaginable width and color combination. Many of the smartest give a moire appearance. Gone are the days of drab walls, conservative tans, and tiresome plaster effects.

You'll find wallpaper borders in an increased choice of widths. They're used more than ever as a trim, even on painted walls. Often they outline windows and architec-

tural details in varied decorative schemes.

Curtain cornices can be trimmed with them. Leftovers can border your waste baskets, tying them into the color scheme.

All papers and wall fabrics shown here are labeled both washable and sun-fast. I believe you'll be surprised, too, at their reasonable prices.

"Wall-tested" and "style-tested" may be new phrases to you. One guaranteed wall-tested paper will be rehuing if you don't think the pattern falls true in line design. Style-tested means that a decorator has judged the pattern and graded it superior.

So look your walls honestly in the eye and decide what they need in the way of pattern, color, and appropriate design in keeping with the room's size. Then off for a most enjoyable day of shopping for their new spring dresses.



Johns-Manville

Armstrong Cork Company

◀ Asbestos tile wainscoting, with its practical enamel surface, ushers in delightful color possibilities for bathroom walls. Here soft sky blue combines restfully with cream fixtures

◀ Why not linoleum for bathroom walls as well as floors? Here you see it in the home of Jeffrey Lazarus, of Cincinnati, Ohio. Warm tan accented with black creates the color scheme

Wallpaper—conveniently washable, sparkling with humor and gay color, tho formalized—brings keen interest to an oldtime hall in the home of Mr. and Mrs. Romney C. Patterson, Glens Falls, N. Y.



You'll find each of these new washable wall-coverings in a wide range of exquisite colorings, allowing a freedom in background decorating that's a joy and an inspiration to work with. Patterns 2, 4, 6, and 10 would feel at home in many different rooms. The others plainly suggest their own particular use. Many of these patterns may be combined with painted or plain-papered walls, adding size to a room.

(Nos. 1, 2, 9, 10—Imperial; Nos. 3, 6, 8—United Wall Paper; Nos. 4, 5—Duray; No. 7—Wall-Tex)



Imperial Paper and Color Corporation

It's a real boy's room, property of Philip, son of Mr. and Mrs. Theodore H. Miller, of Portland, Oregon. One wall is finished entirely in pine stained light brown. The others are papered



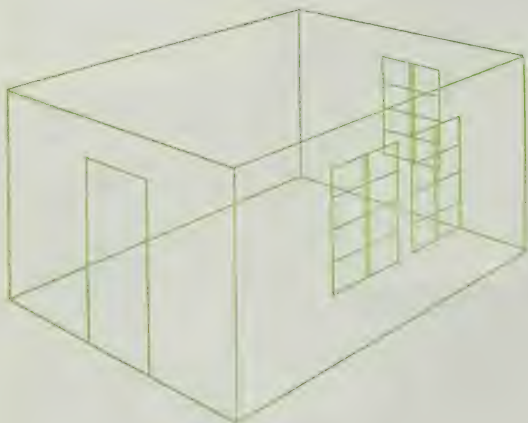
Western Pine Association

[See Additional Pictures on Pages 56 and 57]

TWO OF A KIND (IN ONE ROOM)

BEAT A FULL HOUSE

How to plan one bedroom for your pair of sons or daughters



IT'S A PROBLEM that crops up in every small home—whether to bunk the two boys (or maybe yours are daughters) together in one room, or allot a room to each, and then have no place for Aunt Bessie or a visiting Elk. Most of us decide in favor of Aunt Bessie and the Elk, which brings us to the stickler of how gracefully to sandwich a lively young twosome into the average small bedroom with the most elbow room and the fewest collisions.

The phantom sketch at left shows you our average room—10 by 13 feet. It's the setting for the three rooms which follow, one for a pair of brothers, the other two for Sister Acts.

By Harry Richardson

For a Pair of Brothers

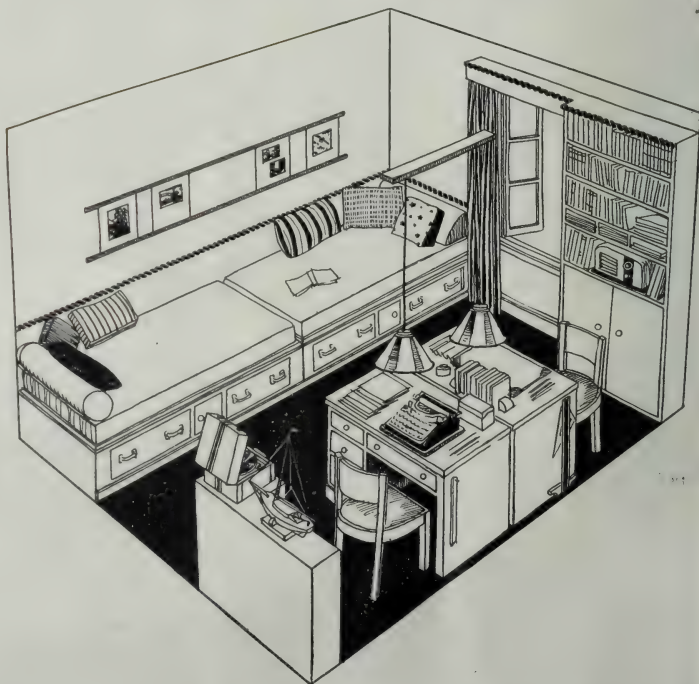
All decorations are the simplest possible, all appealingly boyish. Everything is washable—fabrics, floor, even the wallpaper. To gain room for drawer space, we've dispensed with box-springs and put the money saved into the finest mattresses—either the conventional sort or the new foam-rubber type. Laid on the built-in wood-drawer units, they're entirely comfortable.

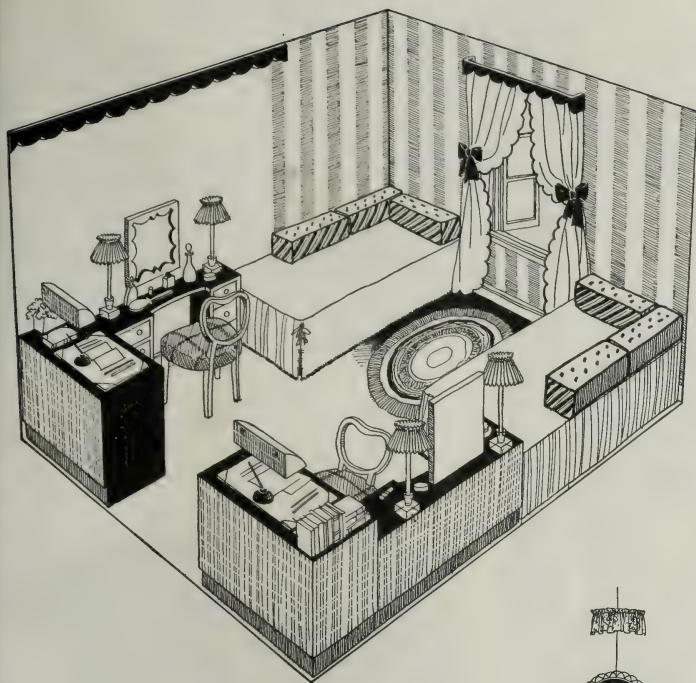
Walls are papered or painted in soft gray; floor linoleum is rich dark blue; woodwork, bookcases, and beds are painted gray to match the walls; the inside of the bookshelves is finished in soft maroon-red, tying in with the leather on the seats of the unpainted wood chairs. The desks are carpenter-built, of whitewood rubbed with wax.

"Balboa-blue" denim, bought by the yard, was made up for bed-covers, also used for the "rubbing strake" behind the beds, its top hidden by dark-blue painted rope moulding.

Picture mouldings, tacked to the wall over the beds, invite a display of photographic prowess, maps, or current heroes.

Curtains of red and white striped cotton, bright brass handles on drawers, and pillows in gay red-and-white stripes complete the masculine and nautical flavor of the room—a room that, when the door is shut, offers a home complete for members of the family who love privacy.





Sister Act No. 1

This double room for girls is decorated to appear as fresh as a garden all year 'round. It has the combination of a tailored and feminine appearance—tailored in its efficient handling of the bed-covering and businesslike desks, yet feminine when it comes to the scalloped curtains and attractive dressing tables. The floor, covered wall-to-wall with a lush green carpet, gains an informal touch from the braided rug between the beds. This rug combines all colors in the room—green, yellow, white, and a bit of pink.

The walls are different and refreshing—striped green and white wallpaper around one end of the room, the rest painted white and topped with decorative wood cornice painted green.

Bedsprads and curtains are of yellow linen. Pillows are boxy and modern, covered with green and white fabrics.

Chairs are in bleached mahogany with homespun seats.

All the furniture is carpenter-built, painted a soft gray-green with dark green linoleum tops and ends. Unfinished pieces in maple can be bought in forms resembling these and assembled to create the same effect.

Glass candle lamps have yellow shades, and the mirror frames are painted to match.

Sister Act No. 2

In this feminine yet practical room for two sisters we saw two advantages in placing studio couches end to end: (1) the arrangement gives much more usable floor space and (2) it cuts down the amount of floor-covering required. Due to this saving you could afford a really fine Havana-brown carpeting that you would bind to use as a rug. You could have a 12-foot length of 6-foot-wide carpet, or a 6-foot length of 12-foot-wide carpet which would nearly cover the open floor yet have all the advantages of a rug.

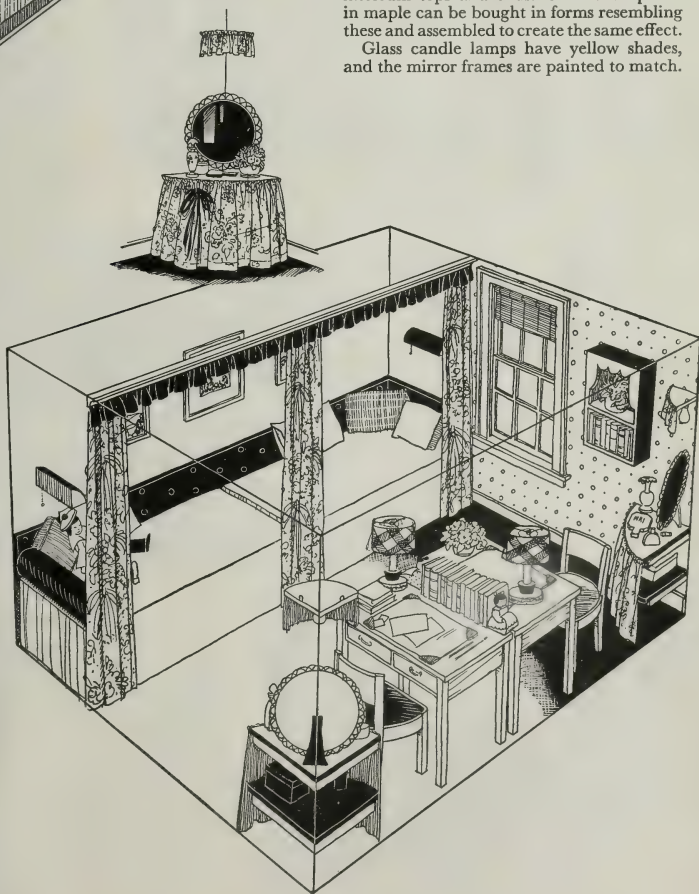
Bed-covers are of salmon-pink linen; chintz bed curtains have a beige ground with pink, white, and green floral pattern. For accent we've used dark chocolate-brown chintz as a valance for the bed curtains, to cover the bolsters, and to upholster the padded board behind the beds.

The flowered chintz forms the dressing-table skirts and the shades for the little lamps hung in the corners over the dressing tables. These tables are simply quarter-round segments of plywood nailed to cleats screwed to the walls. One forms the top, a second the shelf. (See sketch.)

Walls behind the beds are painted white, the rest of the room papered in beige, with all-over design in brown.

Woodwork is white, ceiling pink, tables and chairs waxed whitewood.

As a decorative suggestion for any room, note the way bed curtains and valance are hung from cove moulding (called scotia) nailed to the ceiling.



More Homes Built From Bildcost

By **John Normile** Better Homes & Gardens' Architect-Editor.

Member of American Institute of Architects



DeVere Baker



William H. Allen

Eight years ago we set out to give you the work of America's top-notch architects at your own price; more than that, to give you a complete home-building service—plans, specifications, and contract forms. Today, hundreds of pictures sent us by well-satisfied families that have used this service reflect its worth. On this page are typical examples. Above is Bildcost Home 703 built in Syracuse

Better Homes & Gardens presents a new Bildcost Gardened-Home design each month—this month see pages 22 and 23. Exclusive feature is that for six cents you can find out exactly what any one Bildcost home will cost you. It'd be absurd to try to give a price in the magazine because costs vary widely with communities. At right is 609, the B. R. Jauchman home, North Plainfield, New Jersey

Merchants Photo Service



Six-room 909, just finished by E. J. Sullivan in Riverdale, Illinois, boasts fire-safe concrete-block walls and concrete floor joists. Stripped of non-essentials, ingeniously designed, it's as much house for your money as you will find anywhere

In Hammond, Indiana, H. M. Beirger built five-room 702. Bildcost plans come to you fully detailed so there can be no question between you and the builder—just another reason why we believe our service is worth more than any other we know



Bodie

For six cents you get the List of Materials needed to build the Bildcost house you like. Using this list, a builder or an architect can figure for you the exact cost to build. Here in Houston, Texas, the Paul N. Pullmans built No. 807, a three-bedroom Cape Cod by Royal Barry Wills. It illustrates the perfect adaptability of the Colonial tradition to the Southwest. Bildcost Plan fee, \$5



SPRINGDALE
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Springdale, Ark.



An old-time Soup hits an all-time high

THAT beloved dish of early America, chicken noodle soup, has come into its own again! For Campbell's have brought it back—as robust and homey as the kind our ancestors enjoyed so well. Its chicken broth has the same deep flavor; it's filled with nourishing egg noodles. And morsels of tender chicken give it a final old-time touch. Golden-bright, savory, delicious in every spoonful, Campbell's Chicken Noodle Soup is an appetizing, hunger-satisfying dish!

And because it is so downright good, because it gratifies a natural, handed-down liking, Campbell's Chicken Noodle Soup is sweeping the country. You see it just about everywhere—tucked in market baskets—stacked on kitchen shelves—piping-hot on dining room tables! *And it continues to grow faster in popularity than any other soup.* So, for a real old-fashioned treat, have Campbell's Chicken Noodle Soup soon!



All is well
'Tis very plain,
For Chicken Noodle's
Back again!

LOOK FOR THE
REDANT BUILT LABEL



Campbell's CHICKEN NOODLE SOUP



So Good Meals

BUNNIES ARE LAYING again—and that means Easter Breakfast in any man's language. Hail the family with gaily enameled eggs, spring flowers, prancing roosters. The cart's from Sweden, the chicks from California, the ducky water-glass transfers from the store. Or concoct the cart yourself with bunnies as steeds. And here's fun. Blow the insides from eggs, paint 'em and stuff 'em with confetti, sticker the holes with Easter seals, pop across the way when breakfast's over. Then whisk them up with the vacuum.

Barring proclamation to the contrary, Easter's coming soon this year, which means plenty of rib-stickers for blustery-day breakfasts. In and around fruit juice and coffee tuck shirred eggs, pan-broiled ham, apple slices, and hot cross buns. Or big bowls of cereal. Or grilled bacon and waffles. Or pick your own from the breakfasts sketched below. They're grand eating for Easter, and welcomed with cheers any Spring morning.—J. G.

FRUIT FIRST COURSE	MAIN DISH	ACCOMPANIMENT	BREAD	BEVERAGE
Baked Rhubarb or Sliced Oranges	Pan-Broiled Ham Mushroom Shirred Eggs	Fried Apple Rings	Toast Hot Cross Buns	Milk Coffee
<i>How to Do:</i> A pretty eye-opener—eggs baked in mushroom sauce. For 6 take 1 can condensed mushroom soup, mix with a bit of grated onion and $\frac{1}{4}$ cup milk. Spoon		2 tablespoons into each custard cup or ramekin; top with egg, a dash of salt, and buttered crumbs, if you like. Bake at 350° until set, about 20 minutes.		
Chilled Tomato Juice	Bacon-Hominy Scramble*	Crisp Cereal Flakes	Raisin-Bread Toast	Cocoamalt
<i>How to Do:</i> '39 was a vintage tomato year. Result—superb-quality juice. Be generous, pass a pitcherful for easy refills. Pass a bowlful of the cereal, too. Surprised at		early Spring appetites? A wise man said, "On my breakfast I will found my day." This scramble is a flavorsome tie-up of bacon, eggs, and corn. Yum! Yum!		
Grapefruit Sunburst Fresh Strawberries	Breaded Kidneys and Bacon	Hot Cereal	Spice Muffins* Plum Butter	Coffee
<i>How to Do:</i> Watch the welcome when you make smiling raisin faces atop bowls of hot cereal. Cut a marshmallow for a jack-o'-lantern face, add raisin eyes and nose.		A date sliver makes a cheery grin. Make a vitamin sunburst, swirl grapefruit sections, fresh or canned, center with strawberries. They betoken an early Spring.		
Chilled Pineapple	Eggs Piquant*	Hashed Brown Potatoes	Brioche Rolls*	Breakfast Chocolate*
<i>How to Do:</i> If you can't go to Hawaii, let Hawaii come to you. Chill cans of pineapple in the refrigerator. The unusual rolls? Just roll light sweet dough. Cut in $1\frac{1}{2}$ -by		5-inch strips; slash lengthwise in thirds almost to top. Braid; pinch strips together. Before baking, brush with egg yolk, sprinkle with sugar, cinnamon, and nutmeats.		
Dried-Fruit Compote	Poached Eggs on Ham Buns*	Bowls of Hot Cereal	More buns sliced thin and toasted	Coffee Hot Cocoa
<i>How to Do:</i> For a good breakfast, include a cereal. Hot cereals are now geared to last against time. They jump the gun on the finish with the coffee. For the dried-fruit		medley let's have prunes and apricots. Cover generously with water; no fooling, no soaking required. Brisk-boil 45 minutes. Sweeten. One pound uncooked fruit serves 10.		
Grape Juice Over Grapefruit Halves	Whole-Wheat Waffles* Grilled Sausage	Orange-Honey Sauce Hot Maple Sirup	Cinnamon Melba Toast	Coffee Milk
<i>How to Do:</i> Bees in the clover? No, in the orange blossoms for Orange-Honey Sauce. Blend 2 tablespoons orange juice with 6 tablespoons each of honey and melted		butter. Add a sprinkle of grated orange rind. Drizzle over hot waffles. Sausages all a-sizzle and crispy finish the job. It's pretty—grape juice over grapefruit.		
Sliced Strawberries	Scrambled Eggs Pan-Fried Pork- Ham Slices	Whole-Wheat Bite-Size Cereal	Pineapple Muffins*	Hot Tea Coffee
<i>How to Do:</i> A hula wiggle for these pineapple muffins. Save your motions when stirring, tho. Muffins don't like overmixing, just until dry ingredients are moistened.		When scrambling eggs keep the heat low or use a double boiler. Serve with sliced pork-ham luncheon meat (square 12-ounce can). Pass bowl of sugared strawberries.		

*Recipes for "SO Good Meals" on Page 52

Co-operating With *Better Homes & Gardens*: Cart and Chickens, Robert P. Pierce, Merchandise Mart, Chicago; Flowers, Marc Leeds, Chicago; Dishes, Pacific, yellow Coralitos ware; Silver, Heirloom Plate, Grenoble pattern, Oneida, Ltd.; Crystal, Fostoria; Decalcomania on crystal, Meyercood Co.; Toaster, General Electric; Table arranged by Fae Huttenlöcher.

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Send for Fine Recipes!

Our files spill over with recipes, and still there are more. Each month choice recipes from *Cooks' Round Table* Contest entries—too good to keep secret—are printed in a leaflet punched to fit *My Better Homes & Gardens Cook Book*, and called "*Cooks' Round Table News*." This month the leaflet tells how to make "Drop Cookies—Old Timey and New." On page 99 others are listed. Any one is yours for 4c. Address 7803 Meredith Bldg., Des Moines, Iowa.

Send Recipes Now for *Cooks' Round Table* Contest. See Page 51.



Crane Co.

Family-Style L Type: In this comfortable family kitchen are being built wonderful memories that will become just as dear to these youngsters as our memories of Grandmother's rocking chair and great range. A perfect L-type arrangement, with its fourth corner for informal meals, it spells efficiency, from the correct opening of the refrigerator door to its three types of work surfaces. First—laminated maple tops the preparation unit, grand for sandwich-making or any cut-ups. Second—the two sink drainboards do the wet work with no warping, no food-catching cracks, and are perfect for dish-draining and vegetable-fixing. Third—the linoleum counter muffles the clatter of pots and pans, is kind to breakables, forms the ideal serving area. Handy and smart is the bar utensil rack and open-shelf spice cupboard by the window. Nice, too, are the prints adorning the wall.



Nairn-Sealex

White and Green: Linoleum—decorative, durable, easily cleaned—is King Pin in this kitchen. It covers walls with white and green; floor with dark green designed in white, chartreuse, and black; work counters and sliding planning desk with plain ivy-green. A black cove base extends up the wall, banishing dirt-catching seams. The handsome metal stool's upholstered cover picks up the chartreuse color. The desk slips out of sight under the counter, or makes extra work space. Here's a sink you can approach from three sides. We applaud the skillful repetition of designs—squarish linoleum pattern, flower pockets, and window panes. The little flower boxes could easily be enameled asparagus cans. Handy for bright canisters and condiment jars are the narrow shelves over the range. Cheers for the window ledge when you serve plate luncheons from the kitchen.

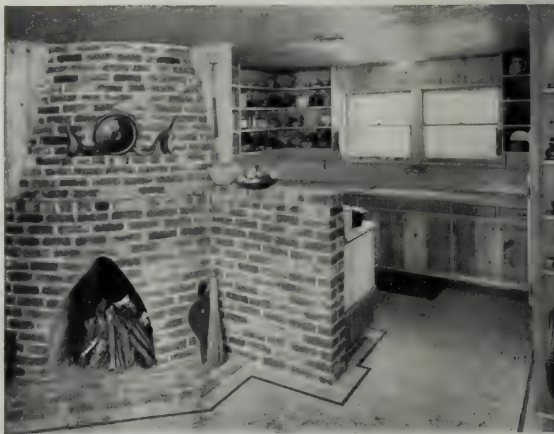
Kitchens With Character

By Myrna Johnston

No. 2 of a Series. Coming Next Month — "Put YOU Into Your Kitchen"



Light and Airy: What could be smarter than this use of ribbed glass inserted in the outside walls of the kitchen? Here it is in the home of Franklin Banker, Piedmont, California. Wherever it was structurally possible, 15-inch-high panels of glass replace areas of wall over the work surface, adding light and a lovely feeling of openness. There's direct access to the service entrance, terrace, dining-room, and basement, with the service entrance next to but separated from the terrace, providing privacy for both. No wonder the Bankers' beautiful terrace is so popular for open-air meals.



Old-time Farmhouse Type: The architect who schemed this kitchen says, "The ladies go into my kitchens and don't want to come out." You see a corner of the dining nook and of the kitchen proper, separated by a brick wall. Architect Michael Goodman, University of California, who designed the kitchen, labels those open shelves as "characteristic of the busy and efficient homemaker." There's plenty of open work space by the sink. The finish is knotty pine. The door leads into a section of the kitchen, or utility room, used for heavy work—canning, laundry, and such.



Crane Co.

Peasant-Style Corridor Type: We heartily approve of this gay one, tho we'd certainly vote for a more comfortable chair for the little girl. It's a top-ranking kitchen in line production. The refrigerator is rightly placed by the entry door, the work surface next to the range is near the dining-room, the sink is properly opposite. Everything joins the peasant refrain—from the terra-cotta linoleum to the crisp print curtains, along with the unusual door and woodwork design. Right in character are red-tile linoleum blocks, blue-green painted door, wood trim, breakfast furniture, and decorative corner post by the sink. The quaint plate rack, blue-green outside, was given a lovely citrus yellow interior to match the sunny color of the kitchen's work surface. If your hobby is china, here's a pleasant way to share your treasures with your friends. You'll use them oftener.

Modern Streamliner, Upper Right: Small wonder the little girl is so happy helping Mother when their kitchen's such a pleasant spot. Those structural glass blocks make the corner an out-of-door spot. They give light with privacy, and blot out a non-inspiring view. Decorative, too! A quartet of Grandmother's old copper saucepans hangs over the range, highlighting the monel-metal work surfaces and reminding this modern homemaker of how far modern kitchen equipment and efficiency have come in the span of a lifetime. Even the handsome range oven reflects efficiency.

Picture Window: If you've a view, do give your kitchen a big window. And why haven't more of us a Dutch door like that? The top opens for ventilation without airing the entire room. This clever little dish cabinet draws the line between dining nook and kitchen, eliminating a partition.



Tappan



George H. Van Anda



Edward Rinker



Armstrong

Finger-Tip Control: It looks like a broomery, that tall cabinet by the range, but it's full of pots and pans, each on its own hook and quickly available. One look and you see what's best suited in size and shape to do the job. Efficient to its finger tips is the planning desk, complete with telephone, pigeonholes, bookshelf, and drawer. Neat household accounts and menus-in-advance come naturally. An electric clock ticks the cooking time. We like the bold feature strips and contrasting border in the floor design, following the room plan and supplying just the right decoration.

Ingenious Breakfast Bar: This one becomes a work counter between 8 o'clock rush and midnight snack. Chairs, tho not form-fitting, do very well for their short pull-up, then are tucked away. For spruces far too pretty to hide there are roomy open shelves. What fun to spruce up before a mirror—with your chin in the daisies! In a tiny drawer underneath park hand lotion and powder puff. All summer the flowers are real; in winter they're make-believe and change with the seasons—autumn leaves, gay poinsettias, spring tulips. Mr. Canary sun-bathes in the kitchen window.

Boy-handling Tips From Boys Town

Father Flanagan, beloved founder of Nebraska's famous town for boys, chats with an editor about your boys—and his 3,000

By Gladys Denny Shultz



↑ Mayor Jesse ("Two Ton") Ruiz welcomes Mrs. Shultz to Boys Town, Father Flanagan introducing the Better Homes & Gardens representative

♦ Larry Lang and "Buckshot" Chepney drop in to talk things over. Any boy in the town can come to Father whenever he feels like it. What's more, there's always a box of candy in that upper right-hand drawer

DO YOU, Mother, wince when your husband barks at Sonny, and do you take the boy's side when his father threatens punishment, whether he carries it out or not?

And do you, Father, contend that your wife is too easy on your boy for his own good, pets and waits on him too much, would make a sissy of him if it weren't for your saving presence?

Now that child-rearing has become largely a mother's job, in city homes at least, we should find out which of these points of view is right. Are boys really a special kind of animal, as their fathers claim, the nature of whom few women understand?

Talking with Father E. J. Flanagan and his boys, as he and I strolled thru the buildings and fields of Boys Town, which he founded just outside Omaha, Nebraska, I believe I found the answers to at least some of these questions. For this incorporated town is a testimonial that Father understands boys better, and has been more successful with them, than any other person in America. He has reared 3,000 of them—has yet to lose one to the headlines or the jails.

His Boys Town has presented every problem known to parenthood. It's a melting pot of all races, nationalities, and religions, none being barred. His boys, many of them deemed hopeless when they came, come largely from broken homes.

Let me warn fathers that Father Flanagan doesn't believe in "bawlings out" or corporal punishment. Boys Town is a city without tears. Father, as he is called by everyone

about the place, says if he heard a boy cry it would tear him to pieces. Mothers must face the fact that he doesn't hold, either, with waiting on boys, picking up after them, doing for them.

His recipe is simple—make the boys responsible for their own lives and affairs.

"BOYS are better capable of governing themselves," says Father Flanagan, "than of submitting to government by adults. Given responsibility, they will live up to it. Give them plenty of rope—but always be sure there's somebody on the end of it."

"To understand a boy, watch him with his dog. There's a natural affinity between them—why? The boy loves the dog, he pays attention to him, and so he understands him.

"Don't repress a boy. Give him scope for his abilities, outlets for his tremendous energy. Never suppress him. If you do, he'll hate you and everything you stand for. It's no use preach-

Mrs. Shultz lunches with the city council of Boys Town. On her left, Mayor Ruiz, America's only football-playing mayor; on her right, ex-Mayor Farrald. The "big shots" eat together every meal, for luncheon-club discussions and a real good time

ing at a boy. If you do, you admit that you haven't entered into his life, spent the time with him that you should. Give him the example you wish him to follow."

There's one more factor which I myself suspect has had a lot to do with Boys Town's outstanding success. Consider the master stroke of incorporating it legally, making its boy-mayor and six councilmen members of the Nebraska League of Municipalities! They have just as much power and dignity and probably command a good deal more respect than do the officials of your own city. Only their duties are different.

A newcomer is met by Mayor Jesse ("Two Ton") Ruiz, who is also [See next page

Ernest Jones



MORE SALMON
PLEASE, IT TASTES
SWELL!



I FIXED IT A
BRAND-NEW WAY-
WITH *French's*
MUSTARD

HOT DAN THE
MUSTARD MAN SAYS:

"BLEND FRENCH'S
MUSTARD WITH
THIS FISH-IT MAKES
A PERFECT LENTEN
DISH"

SALMON SURPRISE

8-oz. can salmon 6 medium-size tomatoes
6 teaspoons French's Cream Salad Mustard ½ head lettuce
Peel tomatoes. Hollow centers and turn upside down to drain. Clean and wash lettuce, removing vines. Shred and fill cavities of tomatoes. Place on lettuce leaves and chill. Serves 6.

"FOR FISH SERVED
HOT THAT'S BAKED OR
FRIED THIS MUSTARD
SAUCE WILL BE
YOUR PRIDE"

Hot Dan's Fish Sauce

Mix 2 tps. French's Mustard, 1 tsp. gran. sugar, ½ tsp. salt, 6 tps. butter. Cream well. Heat slowly, stirring constantly. When smooth, stir in 2 tps. lemon juice. Add 1 tsp. catsup to recipe for a delicious sauce for steaks, chops or roasts.

Millions Prefer
It—because
it's creamier,
smoother

Made of the finest
spices, vinegar and
mustard seeds—
contains no artificial
preservatives or
adulterants.

LARGEST SELLING
PREPARED MUSTARD IN U. S. A. TODAY



Boy-handling Tips From Boys Town

[Begins on preceding page]

center on the football team—and maybe you think everybody doesn't look up to him! The Mayor inducts the new youngster into the schedule of the home, assigns him his job.

TWO COMMISSIONERS of Public Health and Sanitation are responsible for dormitory neatness and cleanliness of residents. If a citizen fails to do right by his neck, to hang his folded towel and wash-cloth neatly on their proper hooks, to make his bed according to the standards—not too exacting—of Boys Town, do the Commissioners sigh gently and attend to it themselves?

Not so you could notice it! They hail the offender back and have him do the job over until it's done right. One newcomer ducked into bed



Boys do the cooking at Boys Town. Bob Lizana, right, is chief pancake-flipper. Bill Kinney assists

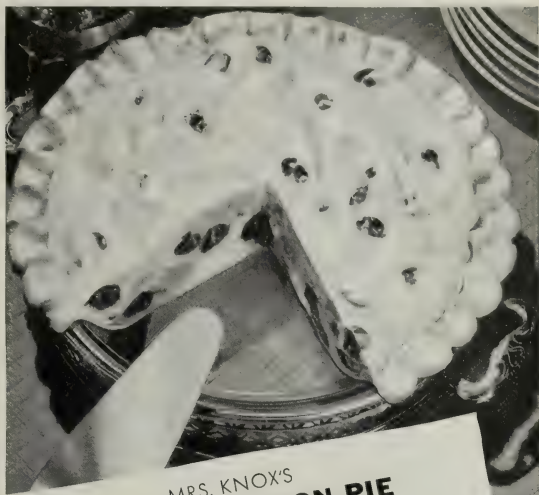
with his clothes on. The Commissioner didn't stop with having him remove them and put on pajamas. He made him go to bed properly, get up again, dress, undress, put on pajamas and get into bed, three times. The incident wasn't repeated.

THE Parks and Grounds Commissioner has a staff of 25 boys who do all the work, under a gardener, of caring for the lawns, the borders, and shrubbery. Maybe that's why the grounds are so neat despite 200 lively youngsters. The Parks Department would deal personally with anyone who messed them up.

To be on the police force or one of the guides who show visitors around, it's necessary to meet the Police Chief's high standards of grooming and politeness. (The present incumbent happens to have come from Alabama.) The Fire Chief sees that no rubbish is left in buildings, nor any other fire hazard created. Complications arising from play or leisure-time activities are referred to the two Recreation Commissioners.

Penalties have a robust masculine flavor. If a boy doesn't replace his skates or bat in his locker, he's minus those articles. If he neglects to return his Sunday suit to the check room, where best clothes are cleaned by boy experts [Turn to page 46]

JUICY CHERRY PIE...Non-Run!



MRS. KNOX'S CHERRY CHIFFON PIE

Filling for one 9-inch pie.
1 envelope Knox Gelatine ½ cup cherry-juice from can of sour
¼ cup cold water ½ cup pitted red cherries
4 eggs 1 tablespoonful lemon-juice
¾ cup sugar 1 cup drained canned cherries
¼ teaspoonful salt
Add one-half cup sugar, cherry-juice and salt to beaten egg yolks and cook over boiling water until of custard consistency. Soften gelatine in cold water. Add to hot custard and stir until dissolved. Add cherries and lemon-juice. Cool. When mixture begins to thicken, fold in stiffly-beaten egg whites to which the remaining sugar has been added. Fill cold baked pie shell and chill. Whipped cream may be spread thinly on top, but will add to the calories.

NOTE: Don't confuse Knox Gelatine with factory-flavored gelatine desserts which are about 85% sugar. Be sure to use pure Knox Gelatine.

YET ONLY ⅓ CALORIES OF REGULAR CHERRY PIE!

All you dieters can cut yourself a quivering wedge of this ruby delight! It has 253 calories each serving. Ordinary cherry pie has 411 calories! For more stream-lined magic recipes like this, send for the new Knox "Be Fit—Not Fat" booklet. Dieters now can revel in ambrosial desserts, pies, salads, candy, even butter and mayonnaise made according to the new book. Fill in the coupon below, and send it for your copy of "Be Fit—Not Fat". It's absolutely free to you.

KNOX GELATINE

IS PLAIN UNFLAVORED GELATINE—NO SUGAR

Special FREE Offer Want to keep fit—avoid fat? Send for new diet principle and 30 streamlined recipes—all in the new Knox booklet "Be Fit—Not Fat". Limited edition, so mail coupon today for your copy! Also free, "Mrs. Knox's Quickies," a booklet of recipes that are remarkable time-savers. Knox Gelatine Company, Box 83, Johnstown, N.Y.

Name _____

Address _____



I WISH I COULD AFFORD A
MAID FOR YOU, HONEY

DON'T BE SILLY—
ScotTOWELS
DO ALL THE
DIRTY WORK



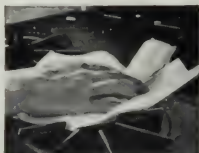
Modern Brides rely on *Drudgery-dodger* ScotTOWELS

YOUR DISHES are done in half the time with labor-saving ScotTOWELS to help you. Scrape your plates and pans with a ScotTowel and there's no grease in your dishwasher, no greasy ring to be scoured out of your sink. Wipe off your refrigerator and stove with another and there's no grimy cloth to be scrubbed out afterwards.

Prepare your vegetables on a ScotTowel, too, and throw away the peelings, ScotTowel and all. Drain your fish and other fried foods on sanitary ScotTOWELS. Wipe up messy spills with them. And make things easier for yourself on washday by letting the family dry their hands on soft, absorbent ScotTOWELS.

Put up ivory, green or red racks in kitchen and bathroom. ScotTOWELS are less than a penny a dozen—150 to the roll. At grocery, drug and department stores.

Copyright, 1940, Scott Paper Co.



No cloth to scrub out when you use ScotTOWELS



Wipe frying pans with a ScotTowel for cleaner dishwasher

SEALED
FOR
SAFETY



MAKE THIS WEIGHT TEST!

ScotTOWELS are softer, stronger, more absorbent and actually cost less, because each roll of Sealed-in ScotTOWELS has two to three ounces more paper than the average.



To Bored Wives



Arthur Sarnoff

By Eleanor Hubbard Garst

Life begins when you make it. Here are some interesting suggestions to wives who find time and *themselves* on their hands—and some special tips for BRIDES

"AND so . . . they lived happily ever after." . . . The honeymoon is over. The little house glitters with fresh paint. The smell of wallpaper paste bouquets each room. The wedding-present silver gleams from the dining-room buffet. The vacuum sweeper has yet to blow out its first fuse. The electric refrigerator awaits its first defrosting. Not a nick mars the shiny tan enamel of the gas range.

Jack has kissed Janice good-by three times for good luck, and she has watched his long-legged lope down the walk to catch the 8:15, and thrown a last good-by kiss to him as he rounded the corner.

And then she has fallen to. She had a good job as private secretary before Jack rode into the office and away with her heart. She knows that the good licks of hard work before 10 a. m. are what really count, so her capable hands fly as she picks up the breakfast dishes, prepares the dinner vegetables, runs the all too efficient sweeper, makes the bed, wipes up the spotless blue and white tiles of the bathroom.

IT'S almost 9:30 before she wonders for the first time that day just what the big Boss back in Cleveland did on that paper contract, and if the smart little gum-chewing Susie, her successor, will remember how he wants his personal letter files kept. She grins as she thinks of Susie so obviously and so ardently going after Bobby, the assistant office manager who is studying law at

night. And then from deep inside her wells the treacherous thought, "Perhaps Susie's better off just where she is" . . . and she hurries to get on her coat and hat and walk to the grocery store to pick out the 3 lamb chops and small head of lettuce for dinner.

When she gets home it's only 10:30 and the day still lies before her, hours and hours of it, before she can come to life again in Jack's arms.

BECAUSE she's ready to analyze matters pretty clearly and refuses to be befogged in a perpetual rosy haze, it takes her Janice only a few weeks to recognize that while love and Jack and matrimony are gorgeous institutions, she, Janice, is deteriorating rapidly from sheer doleful boredom into nothing other than an inert mess. The time has come, she vows, to snap out of it.

I hope Janice will be very serious about her self-examination now. After the children that she and Jack hope to have are born, she'll have a few years of wild over-work when the remembrance that she 'ever found time heavy on her hands will seem like the wildest mirage. But she is fortifying herself against the day that brings her into the good years of middle age, and the serene harbor of old age, when again the irreplaceable treasure of spare time will be hers.

WHAT will she do with it? There are three lines of opportunity open before her. She can improve her-

Magic for your dining room!

BY THE MAKERS OF
JOHNSON'S WAX



All you need—a few yards of
chintz, cardboard, ornamental
molding and Johnson's Wax.

This novel window treatment glorifies an otherwise conventional room. Build the classic frame with ornamental molding. Cut valance from cardboard—cover it with the same gay chintz you use on window seat and chairs. Then to make the whole room gleam with beauty, apply Johnson's Wax to window frame and sill, floors and furniture. This genuine wax makes woodwork glow with mellow richness—makes cleaning easy—cuts dusting in half.



IMPORTANT: This pure wax is economical. A little goes far, gives long-lasting protection. For over 50 years women who have found it pays to use genuine Johnson's Wax.

(Paste or Liquid)

JOHNSON'S WAX

See 100 uses for Johnson's Wax listed on can
S. C. Johnson & Son, Inc., Racine, Wisconsin

self. She can better her community. She can recreate herself thru play. First, in self-improvement let her ask herself what she likes best. Does a current of excitement run thru her when she hears good music? Then let her start really learning something about music. If she can afford to take lessons on some instrument, let her obtain as good an instructor as she can manage to pay. To a serious and selective student, the radio offers a wealth of material in opera and symphony orchestra broadcasts.

THE local music store will be delighted to run thru for her the best of its recordings of operas and phonies to be given over the radio. The local library may not have available for circulation the librettos of the operas, but it will be able to direct her to some music club or music-lover who will gladly help.

Books? . . . Does she love to read? Besides desultory reading, let her read to some serious purpose. For example, she can delve into the tremendous fascination of pre-revolutionary Russian literature—Tolstoy, Dostoevski, Turgenev, Tchekhoff.

And, too, let her try writing herself. Just as she may never become a concert musician, she may never write with professional success. But again, she may find that she is one of those strange beings who tingle to the tips of their toes when they discover just the right word for the right place.

Does she dream of traveling? One bride I knew propped her Spanish dictionary in front of her while she washed dishes. She took radio lessons in Spanish from the radio extension department of her state university. She kept her radio tuned to Laredo, Texas, where the broadcasts are in Spanish. And as every bit of acquired knowledge only leads to another unexplored doorway, she has taken up the study of Mexican history, and the findings of archaeological explorations in that country's colorful past.

JANICE could and should do something as a good citizen to help make the town of her adoption a better place in which to live. Does she like to work with boys and girls? The Campfire Girls, the Girl Scouts, the churches' recreational groups for young people, the Y. W. C. A. all cry aloud for intelligent, hard-working leaders. There are never enough good people to go around. And if our Janice knows she's not an inspirational leader—let her go to the head of the civic organization in which she is most interested and say, "I'm no good at directing people, but I want to help. I've had office experience, am a good stenographer, and can work on your files." Believe me, tears of honest joy and gratitude will pour down the cheek of the honorable organization's president.

Or how about politics? Not only as errand girls and objects of heavy political gallantry, but also as respected co-workers in positions of real influence, does our political life need intelligent women. And here again, the way to start is to start. Let Janice attend the precinct caucus. When they ask for volunteers for a house to house [Turn to page 79



1. A marvel of stamina,
Dorothy K.
Can stay on her feet and chase
bargains all day.



2. Yet when she cleans windows
—before the day's o'er
Our Dotty is flat (almost
flat) on the floor!



3. While slim little, trim little
Marguerite M.
Is as frail as a meadow-grown
violet's stem.



4. But she shines her windows
with Windex! She's clever!
She ends up the day feeling
grander than ever!



5. For Windex is simple! Direc-
tions are plain!
Spray it on! Wipe it off!
Windows sparkle again!



6. Consider the work Windex
saves, when you try it!
You'll say it's a bargain!
Don't hesitate! Buy it!



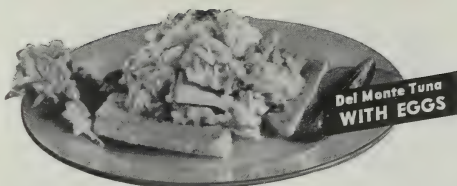
7. No other glass cleaner is made
by the secret Windex formula!
Yet at reduced prices, Windex
costs but a fraction of a cent
per window.



Get Windex at
grocery, drug,
hardware and
house-furnishings
counters. Ask
about the big
20-oz. economy
refill size!



Copyright, 1940, The Wm. W. Norton Co.



What's this! What's this! —SOMETHING DIFFERENT FOR MEATLESS MEALS?



Take your choice, they're all delicious
—made with this finer tuna!

Bridge those meatless gaps with *freshness!* Jog those lagging appetites with rich, deep-sea goodness!

Hard to do? *Never*—with Del Monte Tuna! Every smooth, delicate morsel says "eat hearty!" A flavor thrill for any menu—big or little, meatless or no!

And notice how clear and inviting its color—how flaky its texture! You *know* at once Del Monte selects only smaller, more tender tuna—packs them fresh and fine.

And for your convenience, two delightful styles—Solid Pack and Shredded. Identically delicious—they're both Del Monte!

JUST BE SURE YOU GET

Del Monte Tuna

FOR FINER FLAVOR IN EVERY TUNA TREAT YOU SERVE



Boy-handling Tips From Boys Town

[Continued from page 43]

and kept when not in use, there's no good suit for him next time he wants one.

Denial of privileges is the usual sentence for law-breaking, but with a punch. Denied swimming privileges, a chap must nevertheless don trunks, take his shower with the others, then stand by the pool and watch them enjoy themselves.

REALLY bad conduct carries "capital punishment," which is to go to the Sunday-night movie, but stand with one's back to the screen! That was too much for Father's tender heart. "It's too cruel," he protested. "Why, it's terrible!"

"Sorry if it distresses you, Father," the Mayor replied crisply, "but—it works!"

"Capital punishment" still stands in the Boys Town penal code, a deterrent to wrong-doing if there ever was one.

When the inevitable feuds boil up into a fight, the combatants are furnished gloves and told to do their worst. But there's amazingly little of this, I was told, much less than in the average school.

OF SUPREME importance in the Boys Town scheme is the daily task. All of us are for it, but here it's carried to lengths most of us never dreamed of. Not only do boys care for the buildings and grounds, and work the 440-acre model farm which supplies their food. Boys also mend the shoes, launder the clothes, and clean, press, and alter the donated suits, for they're clothed entirely by gifts. Boys cut the hair, print the newspaper, wash the dishes, cook.

All of us are aware of that male urge to cook. How many boys get a chance to at home? The white-capped chef at Boys Town directs, but assured me the boys do the actual work, and a good job, too. No need for a fond mother to coax a taste of the big pans of creamed carrots I saw on the tables. Boys raised them, boys cooked them. I watched boys go for them.

Favorite foods in this boy world are macaroni and cheese, mashed potatoes, roast beef—the very best, for they raise it themselves—and oceans of gravy. They get ice cream only when someone contributes it. The chef told me that enough for two meals never lasts more than one!

AS FAR as possible, likes and aptitudes are considered in assigning tasks, but every boy does something for the common good, and in doing it, has learned a trade by the time he leaves Boys Town.

Shirking means no vote, and here's one municipality where voting is held a precious privilege. Once the Chamber of Commerce put up "Get out the vote" placards before an election, and they were the joke of the season. No Boys Town citizen was ever known to stay away from the polls. The elections twice a year are hotly contested, with parades, speeches, hand-shaking, electioneering, promises that [Turn to page 100

GIVE BRAND-NEW FLAVOR TO YOUR EASTER HAM



This Simple Recipe
—flavored with
delicious molasses
—will give you a
Real Surprise



Cook a whole ham—boiling or baking, according to your usual method. When done, remove skin. Stud with whole cloves and cover with 1½ cups Brer Rabbit Molasses. Sprinkle with fine bread crumbs. Place ham in open baking pan; add one glass sherry wine. Bake in hot oven (450° F.) 45 to 60 minutes, basting frequently. When almost done, stud with peanut halves. If sauce cooks down too thick, add water as necessary.

PINK and tender slices of ham never had a more perfect companion than Brer Rabbit's grand, rich sauce. But its special goodness largely depends on your molasses.

Pure New Orleans molasses—that's what you need. Molasses with real, old-plantation flavor! Be sure to ask for Brer Rabbit Molasses, made from freshly crushed Louisiana sugar cane.

FREE!
THIS VALUABLE
52-PAGE BOOK
MAIL COUPON

116 recipes. Ginger-breads, cookies, cakes, breads, main dishes, puddings, ice creams, candies. 20 photographs. Washable cover!



PENICK & FORD, Ltd., Inc.
New Orleans, La., Dept. B-7
Please send my FREE copy of Brer Rabbit's brand-new "Modern Recipes for the Modern Hostesses."

Name (Print name and address)

Street

City

State

Tuna Mousse

"Tops with high-schoolers, so I keep it on hand!"

- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- ¾ cup hot water
- ¼ cup vinegar
- 1 7-ounce can tuna fish, flaked
- 1 cup chopped celery
- 2 hard-cooked eggs, chopped
- 8 stuffed olives, sliced
- 2 sweet pickles, chopped
- 1 tablespoon minced onion
- ¼ teaspoon salt
- ⅛ teaspoon pepper
- ½ cup mayonnaise

♦ Soften gelatine in cold water; dissolve in hot water. Add vinegar and chill until partially set. Add remaining ingredients. Chill in large or individual molds, oiled with salad oil, until firm. Unmold on crisp lettuce; garnish with ripe olives. Pass additional mayonnaise. Serves 6.

—Mrs. W. L. Stone, Washington, D. C.

Salmon-Macaroni Salad

"Macaroni stretches the salmon, peas add the color!"

- 1 8-ounce can salmon
- 1 No. 1 can (2 cups) peas, drained
- 1 cup shell macaroni, cooked
- Salt and pepper
- ¾ cup salad dressing
- Lettuce

♦ Drain salmon; remove bones and skin. Combine salmon, peas, and macaroni; chill. Season to taste; add salad dressing; toss lightly. Serve on crisp lettuce or arrange in lettuce-lined salad bowl; garnish with hard-cooked egg slices centered with mound of green peas.—Mrs. R. J. Davis, Barberton, Ohio.

Shrimp-Orange Salad

"Pretty, fresh-tasting, and a company puzzler!"

- 1 5¾-ounce can shrimp
- 1 cup diced celery
- 1 to 2 teaspoons minced onion
- 3 large oranges, sectioned
- Mayonnaise
- Lettuce cups

♦ Remove black line from shrimp; chill. Combine shrimp, celery, onion, and orange sections. Add mayonnaise to moisten. Serve in crisp lettuce cups. Pass crispy toasted crackers. Serves 6.—Mrs. F. J. Landon, Oakland, California.

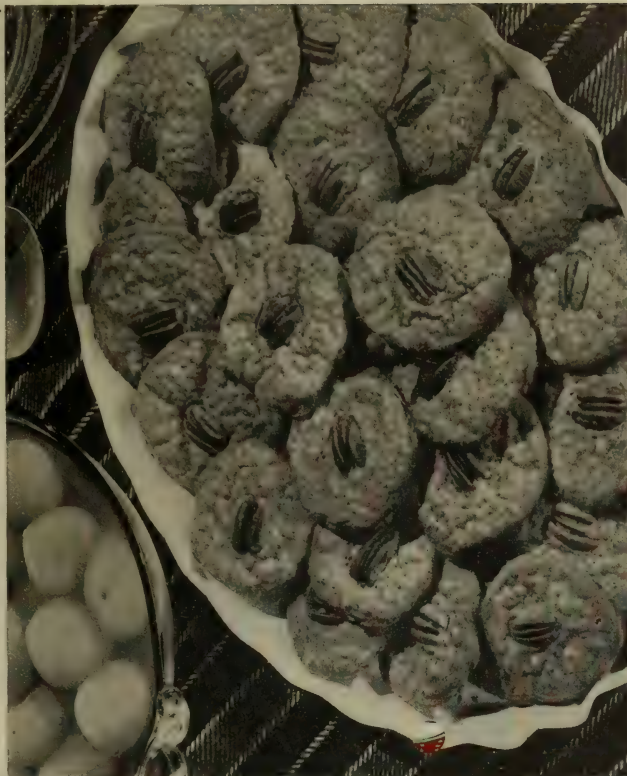
COOKS' ROUND TABLE

*REC'D. U. S. PAT. OFF.



Drop Cookies

of Endorsed Recipes*



Fidelis Harter

Pecan Crispies

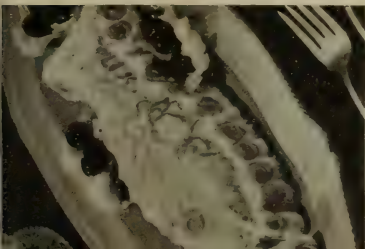
"Crunchy, crisp, softening a bit as they stand!"

- ½ cup shortening
- ½ cup butter
- 2½ cups brown sugar
- 2 beaten eggs
- 2½ cups flour
- ¼ teaspoon salt
- ½ teaspoon soda
- 1 cup chopped pecan meats

Thoroughly cream shortenings and sugar; add eggs; beat well. Add flour, sifted with salt and soda. Add nut meats. Drop from teaspoon onto greased cookie sheet. Space about 2 inches apart. Bake in moderate oven (350°) 12 to 15 minutes. Makes 6 dozen cookies.—Mrs. F. J. Irons, Topeka, Kansas.

Chocolate bunnies stand guard over nests of colored eggs, as centerpiece for this Easter dinner. Ham baked with orange juice, grated rind, and brown sugar tops the menu. With it we suggest glazed yams, broccoli, tiny currant rolls, spring vegetable salad, lemon-custard ice cream or whole apricots, and Pecan Crispies.

BETTER HOMES & GARDENS, MARCH, 1940



Southern Cream Cookies

"Spoke with sugar-and-cinnamon-frosted glass"—

- | | | |
|----------------------------|----|-------------------------------------|
| 1 cup shortening | 3 | teaspoons baking powder |
| 2 cups sugar | 1½ | teaspoon soda |
| 2 beaten eggs | 1½ | cups broken California walnut meats |
| 1 teaspoon vanilla extract | 3 | tablespoons sugar |
| 1 cup sour cream | 1 | teaspoon cinnamon |
| 5 cups flour | | |
| 1 teaspoon salt | | |

★ Cream shortening and 2 cups sugar; add eggs, vanilla extract, and sour cream. Add sifted dry ingredients. Add nut meats. Drop from teaspoon onto greased cookie sheet. Grease bottom of small glass; dip into mixed sugar and cinnamon; press cookie flat. Bake in moderate oven (350°) 15 minutes. Makes 6 dozen.—*Mrs. Lillian R. Craig, Memphis, Mo.*

Molasses Cookies

"Under when covered, chewy if given the air"—

- | | | |
|----------------------|---|-------------------------|
| ¾ cup shortening | 1 | teaspoon salt |
| ¾ cup sugar | 1 | teaspoon soda |
| 2 beaten eggs | 2 | teaspoons cinnamon |
| 1 cup light molasses | 1 | teaspoon ginger |
| 4 cups flour | ¾ | cup cold, strong coffee |

★ Thoroughly cream shortening and sugar; add eggs and molasses; beat well. Add sifted dry ingredients alternately with coffee. Drop from teaspoon onto greased cookie sheet. Bake in moderate oven (350°) 15 minutes. Makes 7 dozen cookies.—*Mrs. David L. MacAdam, Rochester, New York.*

Orange Drop Cookies

"Orange juice hands them their grand flavor"—

- | | | |
|---------------------------------|---|--------------------------------|
| ¾ cup shortening | 1 | teaspoon vanilla extract |
| ¼ cup butter | 1 | cup sour milk |
| 1½ cups brown sugar | ¾ | cup flour |
| 2 beaten eggs | ¼ | teaspoon salt |
| ¼ cup orange juice | 2 | teaspoons baking powder |
| 1 tablespoon grated orange rind | 1 | teaspoon soda |
| | 1 | cup chopped dates or nut meats |

★ Cream shortening and sugar; add eggs, orange juice, rind, vanilla extract, and sour milk. Add sifted dry ingredients. Add dates or nut meats. Drop from teaspoon onto greased cookie sheet. Bake in moderate oven (350°) 15 minutes. Makes 5 dozen cookies.—*Mrs. F. L. Cutler, Cleveland, O.*

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COOKS' ROUND TABLE

*FROM D. B. PAGE COOKS.

of Endorsed Recipes*



Seafood Salads



"Perfect pick-up for jaded winter appetites"—

- | | | |
|-------------------------------|---|----------------------------|
| 1 7-ounce can tuna fish | 1 | cup diced celery |
| 1 6½-ounce can crab meat | ½ | cup diced cucumber |
| 1 3¼-ounce can shrimp | 2 | tablespoons chopped radish |
| 2 tablespoons French dressing | 1 | tablespoon capers |

Seafood Poipouri

- | | | |
|------------------------------------|----|----------------|
| 2 tablespoons lemon juice | 1½ | cup mayonnaise |
| Salt, pepper, and paprika to taste | | |

Place tuna and crab meat. Remove black line from shrimp; add French dressing; marinate 15 minutes. Add remaining ingredients; toss lightly. Serve in crisp lettuce cups or arrange a salad platter as shown in photograph. Place tuna, crab meat, shrimp, and diced vegetables sprinkled with French dressing in separate lettuce cups. Hostess serves individual salads from the large platter. Pass bowl of mayonnaise. Serves 6.—*Mrs. W. C. Lindgren, Oakland, Calif.*

A treasure of a cake for Entertaining!



DEVIL'S FOOD CAKE (3 eggs)
 3 squares Baker's Unsweetened Chocolate
 2 cup water
 4 tablespoons sugar
 1 teaspoon vanilla
 2 cups sifted Swans Down Cake Flour

RECIPE

2 teaspoons Calumet Baking Powder*
 ½ teaspoon soda
 ½ teaspoon salt
 ¾ cup butter or other shortening
 1¼ cups sugar
 3 eggs, well beaten

Combine chocolate, water, and 4 tablespoons sugar in saucepan; cook over slow fire until thick and smooth, stirring constantly. Let stand until cold, stirring occasionally. Add vanilla.

Sift flour once, measure, add baking powder, soda, and salt, and sift together three times. Cream butter thoroughly, add 1¼ cups sugar gradually, and cream mixture and blend. Add flour, alternately with milk, a small amount at a time, beating after each addition until smooth. Turn into two greased 9-inch pans. Bake in moderate oven (350° F.) 35 minutes, or until done. Spread White Fudge Frosting between layers and on top and sides of cake. To decorate, dip almonds on top of cake.

*This recipe has been developed with Calumet Baking Powder. If another baking powder is used, adjust the proportions as recommended by the manufacturers.

WHITE FUDGE FROSTING—Combine 3 cups sugar, ½ teaspoon salt, and 1 cup milk in saucepan. Bring quickly to a boil, stirring only until sugar is dissolved. Then boil, without stirring, until a small amount of mixture forms a very soft ball in cold water (234° F.). Remove from fire. Add 2 tablespoons butter, ½ teaspoon vanilla, and ½ teaspoon almond extract. Cool to lukewarm water to keep soft while spreading. Makes enough frosting to cover tops and sides of two 9-inch layers.

(All measurements are level.)

Baker's Chocolate Devil's Food Cake with Almond White Fudge Frosting

FROM its almond crown to its last luscious chocolate crumb—what a cake this is for guests!

It's formal enough for occasions that call out your Crown Derby china and heirloom silver. It's simple enough for an intimate tea or a children's party. And it's *chocolate*—practically everyone's favorite flavor!

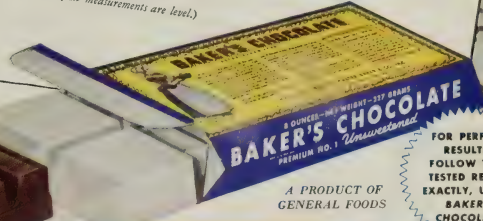
And it's *easy to make*, if you follow directions, for the recipe is the creation of cooks who have spent years working with chocolate. They tell you to use Baker's Chocolate, because Baker's

is one hundred per cent *pure chocolate*. It contains *all* of the richness of choice cocoa beans, with nothing taken away, nothing added.

That is why "real chocolate" has meant "Baker's Chocolate" in America since 1780. That is why, for the really rich flavor and appetizing red-brown color it gives your cooking, Baker's Chocolate has never been rivaled.

Tell your grocer you want the chocolate with the famous "Baker Chocolate Girl" on the label.

Copyright, General Foods Corp., 1940



Memo to Mothers

DON'T FORGET BAKER'S COCOA FOR SCHOOL-DAY LUNCHES! So appetizing... so rich and nourishing... so pure... and so much for your money in the pound-size can! Baker's Cocoa has been famous since 1780.



HOSTESSES! I'M FULL OF BRIGHT IDEAS!

Free!

Get a copy of this smart new "Party Book" to help you with all your entertaining. You'll find 50 ideas for wonderful desserts and refreshments that are sure to make friends and fascinate people. 28 illustrated pages. Yours free! Just mail this coupon to:

GENERAL FOODS, BATTLE CREEK, MICH.
 Your name _____
 Street _____
 City _____ State _____

Aged-in-wood vinegars

Marvelous Bouquet Distinguishes These Famous Heinz Vinegars, Mellowed In Wood Like Rare Old Wines. Let Them Accent The Flavors Of Your Salads



As carefully made and aged as great wines —Heinz Pure Vinegars are truly mellow and sparkling! Their rich bouquet and delicate flavor will be the making of many a fine dish for you. Famous cooks say that Heinz Vinegars point up the harmonies of taste—the subtle overtones of flavor—in vegetables, fruits and meats.

Four Aromatic Kinds

Your grocer has four kinds of vinegar made by Heinz, creator of the famous 57 Varieties. Each has a special place in your household.

In any cooking that calls for vinegar—to tenderize roasts, to put into the water when you're boiling a ham or poaching fish—use Heinz Cider Vinegar—"wine of the apples."

For potato salad, deviled eggs, on greens and in salad dressings where you want full-bodied flavor—ask for Heinz Malt Vinegar. Heinz Tarragon Vinegar (infused with an old-fashioned aromatic herb) is connoisseur's choice for green salads and fine sauces. And when it's time for "puttin' up" sweet pickled peaches, pears and crab apples, spiced jellies, green tomato preserves—be sure to ask for Heinz Distilled White Vinegar.

New Heinz Recipe Book

You'll find lots of exciting salad suggestions —as well as dozens of other unusual recipes, menus and cooking hints—in the new *Heinz Recipe Book*. This entirely different book illustrates recipes *step-by-step* with attractive photographs—lists ingredients in heavier type and in exact order of their use! Don't wait another day to get your copy of this amazing 200-page book. Send 50c to H. J. Heinz Co., Dept. BH-3, Pittsburgh, Pa.



Heinz

PURE VINEGAR

See Cooks' Round Table of Endorsed Recipes, Pages 47 and 48

\$25 Going, Going, Gone—

To Crunchy Cookies, Fishy Salads

YOU never saw such a popular spot as was the Tasting-Test Kitchen during try-outs for our Drop-Cooky and Fish Salad contest announced last September! From editor to printer's devil they came sampling in droves. First choice went to "Pecan Crispies," from Mrs. J. P. Irons, of Topeka, Kansas, which becomes \$5 winner and Dish of the Month. It's delectably flavored, crisp at first, then softening a bit as it stands. See page 47.

No slouches, either, were our 20 Honor Roll \$1 winners. Some of our first loves are on pages 47 and 48. There's a considerate Molasses Cooky that doesn't call for sour milk or cream. And Orange Drop Cookies liquidated with orange juice. And Southern Cream Cookies that get spanked flat with a glass. And Shrimp and Orange Salad that stumps the visiting gourmets. And Tuna Mousse for a Lenten special. And Seafood Potpourri in which three seafoods collaborate. And Salmon Macaroni Salad that stretches a little salmon a long way.

Honor Roll

- Mrs. David L. MacAdam, Rochester, New York
- Mrs. F. L. Custer, Cleveland, Ohio
- Mrs. Lillian R. Craig, Memphis, Mo.
- Mrs. W. C. Lundgren, Oakland, Calif.
- Mrs. R. J. Davis, Barberton, Ohio
- Mrs. F. J. Lenden, Oakland, Calif.
- Mrs. W. L. Stone, Washington, D. C.
- Mildred Morrill, Santa Monica, Calif.
- Mrs. C. H. Sears, Ada, Oklahoma
- Marie Kaiser, White Cloud, Mich.
- Mrs. J. E. Marshall, Mansfield, Ohio
- Viola Bradley, Seattle, Wash.
- Mrs. Dan Swartz, Sterling, Kans.
- Mrs. Dan Dugan, Germantown, Philadelphia, Pennsylvania
- Mrs. F. F. Purdy, Battle Creek, Mich.
- Mrs. Ellis From, Union, S. C.
- Mrs. V. J. Patterson, Argyle, Wis.
- Mrs. Kenneth M. Lewis, Breesport, New York
- Mrs. Ruby A. Cousins, Coquille, Ore.
- Mrs. Tom La Mantea, Eveleth, Minn.

Your Turn to Cabbage Onto a Prize

THAT'S "slanguage" for "make off with," in case you're stuck. Popped out because cabbage is king in our most economical Cooks' Contest this month, sharing honors with tempting concoctions using grapes or melons. There'll be \$5 in it for the Dish of the Month winner, plus twenty \$1 prizes for Honor Rollers.

Let's go round-the-year with cabbage. Might be a winter rib-sticker or a hot-day salad, stuffed cabbage head, leaves cuddling savory meat, scalloped dish, cole slaw, jellied affair, or a winning way with kraut. Cabbage red or green—have it your own way.

THE fruity half of our cooks' battle welcomes your most applauded des-

sert, salad, or cocktail calling for grapes (Concord, seedless, Malaga, anything but Grapes of Wrath); or for melons (cantaloupe, Persian, honeydew, honeyball, watermelon, or any new ones you're onto and we're not). If it's a salad you're sending, be sure to mention the kind of dressing; or, better yet, send the recipe along.

And remember, the winners of these 21 prizes, if they specify in their recipes one or more of the products advertised in this or in the past six issues of *Better Homes & Gardens*, will receive a package of each advertised product they mention, the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "March King Cabbage Recipe" or "March Grape-Melon Recipe."
2. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.
3. Be sure to specify in your recipe the brand names of the nationally known food products you use as ingredients—products available everywhere.
4. Include 50 to 100 words about the history or origin of your recipe.
5. All recipes submitted become the property of *Better Homes & Gardens*.
6. Contest closes midnight, March 31.
7. Address the recipes you enter to 7203 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines, Iowa.

Here Comes Cooky in the News

Send 4 Cents for This New Leaflet

YAS'M, the whole Cooks' Round Table News this month is packed with 'em. All droppers, for they're fresh from our current Drop-Cooky Contest. They're old timey and new, limber and crisp, fruited and plain.

Let's peek—Ice Cream Cookies like mouth-melting shortbread; Year-Round Cookies that won't last the week; Banana Cookies soft-hearted and crisp-shoudered; Fruited Cookies with a coffee tang; Nut Fingers like flossy macaroons; Bread-Crumb Cookies for those leftovers; Mother's Molasses Cookies full of spicy memories; and Chocolate Sprinkle Cookies dashed with grated chocolate as a plus.

Send 4 cents (stamps if you like) for your copy of "Drop Cookies, Old Timey and New." Address *Better Homes & Gardens*, 8603 Meredith Building, Des Moines, Iowa.

DAUGHTERS STILL TELL MOTHERS WHAT EVERY GIRL SHOULD KNOW



1890
Electric
LIGHT

"Better catch up with the world, Mother. Electricity is so clean—safe—fast—cheap that before you know it this invention of Mr. Edison's will be making life easier and happier for everyone!"

"Landsakes, what will people think up next?"



FAST
AS FIRE
...WITHOUT
THE FLAME!

CLEAN
AND CHEAP
LIKE ELECTRIC
LIGHT!

1940
Electric
COOKING

"Don't get left behind, Mother. Electricity for cooking is clean—safe—fast—cheap . . . just like it is for light. Foods taste better because with electric heat savory juices and healthful vitamins are not lost. I do less work because flameless heat is so clean. I have more free time because fumeless heat cooks dinners while I'm out, with absolute safety. Homes with electric light are not completely modern unless they have electric cooking, too."

SEE YOUR DEALER NOW . . . SEE THE NEW 1940

ELECTRIC RANGES

clean · fast · low-cost cooking

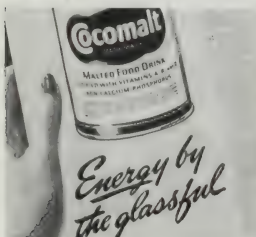
THE MODERN KITCHEN BUREAU, 420 Lexington Ave., New York, N. Y.
ESTATE • FRIGIDAIRE • GENERAL ELECTRIC • GIBSON • GLOBE-AMERICAN • HOTPOINT
• KELVINATOR • MONARCH • NORGE • STEWART WARNER • UNIVERSAL • WESTINGHOUSE

**TOMMY NEEDS
VITAMINS - AND I NEED AN
ADDING MACHINE!**



1. MRS. DAY: Tommy must get his vitamins this winter... and in food form, because many biologists say they're better assimilated that way. He needs vitamins A and D to resist colds, and B, to stimulate his appetite. But—

MRS. HILL: But what?



3. MRS. HILL: The new COCOMALT is fortified with vitamins A, B, and D... and calcium and phosphorus, the minerals vitamin D must have to do its work. Iron, too, for the blood. Three glasses a day, with milk, provide the average person's minimum requirements of all these elements.



2. MRS. DAY: I need an adding machine to figure the number and kinds of vitamins in different foods! Not to mention the important minerals Tommy needs. Get it. It has me stumped!

MRS. HILL: Well, now, look—I think your answer is at your nearest grocery or drug store...



4. MRS. DAY: Marvelous! I'll get COCOMALT today! Is it expensive?

MRS. HILL: No... COCOMALT is the inexpensive way to get your vitamins in really palatable form. It's grand served steaming hot. It's energizing, too... "Energy by the glassful!"

RECIPES FOR *So Good Meals*

[The Meals Appear on Page 39]

Bacon-Hominy Scramble

[A Tasting-Test Kitchen Endorsed Recipe]

4 slices bacon, 4 slightly
chopped beaten eggs
1 No. 2 can (2½ 1 teaspoon salt
cups) hominy, ½ teaspoon
drained pepper

Fry bacon until crisp; remove. Lightly brown hominy in bacon drippings; add eggs and cook until eggs are just set. Season to taste; add bacon. Serves 6.

Spice Muffins

[A Tasting-Test Kitchen Endorsed Recipe]

1 egg 2 teaspoons
1 egg yolk baking powder
¾ cup brown sugar ½ teaspoon soda
1 cup sour milk 1 teaspoon nut-
or buttermilk meg
¼ cup melted 1 egg white,
shortening or beaten
salad oil 1 tablespoon
2 cups flour water
½ teaspoon salt

Beat egg and egg yolk; add sugar and beat well. Add sour milk and shortening. Add flour sifted with salt, baking powder, soda, and nutmeg; stir just until ingredients are moistened. Fill greased muffin pans ½ full. Combine egg white and water; brush tops. Sprinkle with granulated sugar. Bake in hot oven (425°) 25 minutes. Makes 8 large muffins.

Eggs Piquant

[A Tasting-Test Kitchen Endorsed Recipe]

1 clove garlic, 1 teaspoon
minced Worcester-
2 tablespoons shire sauce
salad oil ½ teaspoon salt
1½ cups water ¼ teaspoon
¼ cup chili paprika
sauce 6 eggs

Simmer garlic in salad oil 10 minutes; add water, chili sauce, Worcestershire sauce, and seasonings. Bring to boiling; reduce heat and slip eggs into sauce; poach until whites of eggs are set, about 5 minutes. Remove eggs to hot buttered toast slices; pour 1 tablespoon hot sauce over each egg. Serves 6.

Brioche Rolls

[A Tasting-Test Kitchen Endorsed Recipe]

¼ cup shortening 2 cakes com-
pressed yeast
½ cup sugar ¼ cup luke-
1 teaspoon salt ¼ cup warm water
1 cup milk, 2 beaten eggs
scalded
5 cups flour

Add shortening, sugar, and salt to milk; cool to lukewarm. Add flour to make a thick batter. Add yeast, softened in water, and eggs. Beat well. Add enough flour to make a soft dough. Turn on lightly floured board and knead. Place in greased bowl; cover and let rise until double in bulk, about 2 hours. Punch down, shape into desired form. Let rise until double in bulk—½ to ¾ hour.

Bake in moderate oven (375°) 20 to 25 minutes. Makes 3 dozen rolls.

Breakfast Chocolate

[A Tasting-Test Kitchen Endorsed Recipe]

2 1-ounce squares 3 tablespoons
unsweetened sugar
chocolate Dash of salt
1 cup hot water 3 cups milk

Add broken chocolate to water in double boiler; place over low heat and stir until chocolate melts. Add sugar and salt; cook 4 minutes, stirring constantly. Place over boiling water; gradually add milk, stirring constantly. Heat. Just before serving beat until frothy. Serves 4.

Poached Eggs on Ham Buns

[A Tasting-Test Kitchen Endorsed Recipe]

1 tablespoon 3 tablespoons
butter butter
2 tablespoons flour 1 tablespoon
¾ cup top milk lemon juice
½ teaspoon salt 3 round flat buns
½ teaspoon 6 thin 3-inch
pepper square slices
2 egg yolks, ham
beaten 6 eggs

Make white sauce of 1 tablespoon butter, flour, milk, and seasonings. Slowly stir into egg yolks. Add remaining butter, 1 tablespoon at a time, then lemon juice. Keep warm in double boiler. Split and toast buns. Lightly brown ham in hot fat. Poach eggs. Place ham on buns; top with eggs and sauce. Serves 6.

Whole-Wheat Waffles

[A Tasting-Test Kitchen Endorsed Recipe]

2 well-beaten 1 tablespoon
egg yolks sugar
2 cups sour milk 2 tablespoons
1½ cups flour salad oil
1 teaspoon salt 2 stiff-beaten
2 teaspoons egg whites
baking powder 1 cup crushed
½ teaspoon cereal wheat
soda flakes

Combine egg yolks and sour milk; add flour sifted with salt, baking powder, soda, and sugar. Add salad oil; beat smooth. Fold in egg whites and wheat flakes. Bake on ungreased waffle iron. Makes 7 waffles.

Pineapple Muffins

[A Tasting-Test Kitchen Endorsed Recipe]

1 egg 2 cups flour
1 cup canned 4 teaspoons
unsweetened baking powder
pineapple juice ¼ cup sugar
4 tablespoons ½ teaspoon salt
melted
shortening

Beat egg with pineapple juice; add shortening. Add sifted dry ingredients; stir just until moistened. Fill greased muffin pans ¾ full. Sprinkle muffins with 2 tablespoons sugar mixed with 1 teaspoon grated orange rind. Bake in hot oven (425°) 25 minutes. Makes 1 dozen.

Through the cooperation of the Boy Scouts of America, boys can get Official Boy Scout Equipment by saving the thin aluminum seals under the lids of COCOMALT cans. Encourage boys to help themselves by saving the seals for them.



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Light for the Lazy

By Grace Stanley



IF WE weren't all so lazy, we'd look better, feel better, and have better eyes. And that's no pet phobia of mine. Any doctor will tell you so. Just concentrate on the next person you see poring over a book or a bit of needlework in a darkish room. In an effort to see, his back is hunched, his head bows to bring his eyes closer to the task, a muscular and nervous tension marks every movement. You'd never guess that reading could be a pleasure, or sewing an enjoyable relaxation.

Light is a magnifier. If enough is supplied, the average person can easily see print or stitches at a comfortable distance. Furnish more light and the head lifts, the back straightens, and the muscles become relaxed.

So why not more light? It's hardly because light is too expensive. Neither is it because we don't have the correct kind of lamps. It's simply that the lamps we have just aren't placed right, and being amazingly lazy creatures, we can't be bothered to take ourselves to where the lighting is good.

IT SEEMS so much easier to darn a stocking in semi-darkness than to cross the room to a lamp. And how often we ease for a moment into a comfortable chair with the thought that we'll soon be up and doing! First thing we know the hand reaches for the morning paper or the current novel and an hour slips by. Had we deliberately planned to read, we'd have chosen a place near a good lamp, but once absorbed in our book it takes too much effort to move.

In just such stolen moments much of our reading begins. And with such unpremeditated beginnings the bulk of our seeing tasks are done. So it's up to you and me as homemakers to recognize the fact and plan our lighting accordingly.

At the davenport, where Junior drops the minute he comes in from school, we'll locate the best reading lamp we can find. Place it close to the end of the davenport so that a fellow's array of papers, puzzles, and books can all claim equal light. If the lamp is provided with a switch which controls different levels of illumination, it's well to have it set

Well placed for the lazy are the lamps in this pleasant blue living-room, papered in blue-gray with matching woodwork, deeper blue floor, and chintz-covered chairs. The floor lamp lights the wing chair and sofa; the table lamp, the chairs at each side; and the desk lamp in the corner gives excellent light for studying and writing. (Lighting arranged by National Better Light Better Sight Bureau)

so that the highest intensity is produced at the first turn of the switch. Otherwise Junior, in his youthful carelessness, will sit reading in a light meant only for casual eye work.

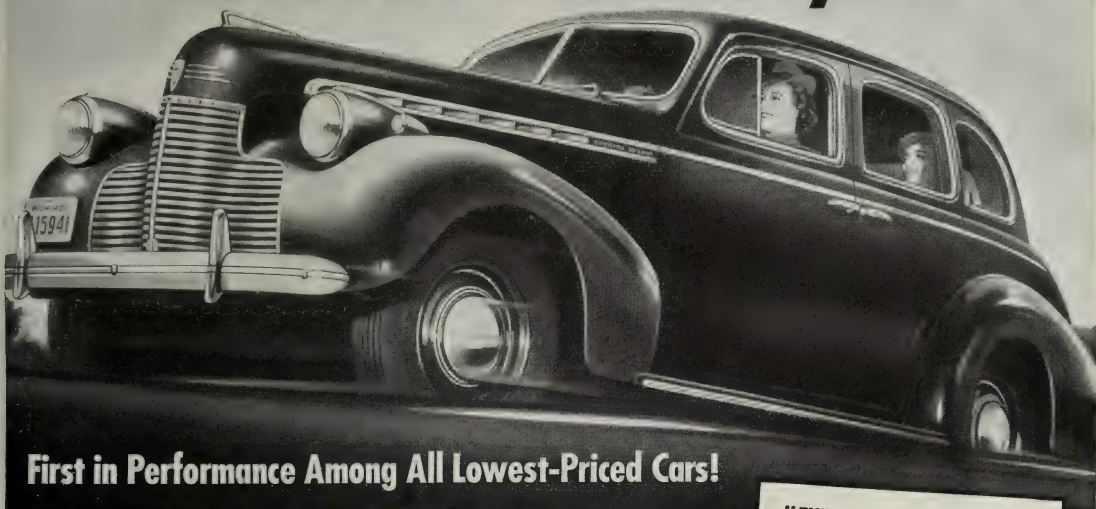
THE chair at the radio comes next. It's here Father or some other member is likely to take squatter's rights as soon as he comes home, leaving it only to eat dinner and go to bed. He usually likes the swinging-arm lamp—the kind with a diffusing bowl on an extension arm. His lamp is placed close to the back of his chair, giving him just the light he wants at his finger tips. He can adjust the position or select the intensity without so much as budging from his chair.

But let's don't stop here. Every reading chair thruout the house should have its lamp placed close behind it and on the side where it fits best into the grouping. The old rule that light should come from the left side applies only to the desk where the hand shades the page while writing unless the lamp is on the left. For left-handed persons, the lamp naturally goes on the right.

WE'LL all agree that no lamp should be left standing all by itself in a room. However lovely it is, basically it's still a functional piece of furniture and belongs in a furniture grouping. It's common sense, 'too. Only the circle of light near the lamp is of an intensity sufficient for reading or sewing. The improved type of lamp is equipped with a reflector which directs a quantity of light to the ceiling. From there the light is reflected and spread thruout the room. This wide distribution of light provides general illumination, preventing those sharp contrasts of light and shadow [Turn to page 79]

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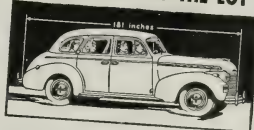
And it's the *feature leader*, too, because it's the only low-priced car combining such advantages as a Super-Silent Valve-in-Head Engine, New Full-Vision Body by Fisher with "Royal Clipper" Styling, Perfected Hydraulic Brakes and "The Ride Royal*."

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AND UP, \$41 Flint, Michigan. Transportation based on rail rates, state and local taxes (if any), optional equipment and accessories—extra. Prices subject to change without notice. Bumper guards—extra on Master 85 Series.

EYE IT . . . TRY IT . . . BUY IT!

[Begins on page 32]

♦ Sloping ceilings can present real problems for home decorators. In this under-the-eaves room they've been skillfully handled, using squares of a fiberboard. Walls employ the same material, laid in horizontal lines



United States Gypsum Company

♦ Random widths of variegated fiberboard line the walls in this cottage at Dowagiac, Michigan, blending pleasantly with maple furnishings and plain tan board ceiling



Wall-Tex; Columbus Coated Fabrics Corp.

♦ Plaster cracks are often our biggest bugaboo in the job of redecorating. This wall fabric, here used in a bedroom, is designed in the most charming patterns and covers the offending cracks completely. What's more, it's really washable



♦ There's a pleasant feeling of rightness in this dining-room, where wallboard sets the stage of French Provincial furnishings, and cornice and dado complete the decorative theme

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(from a letter by G. B., Atlantic, Iowa)



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BOY, DID SHE BEEF

WHEN SHE CAUGHT ME CLEANING MY PIPES WITH A HANKERCHIEF. "KLEENEX OR ELSE," SHE SAYS. AND WAS I SURPRISED WHEN KLEENEX DID THE JOB BETTER.

(from a letter by L. T. B., Smackover, Ark.)



PRESTO! CHANGE-O!

KLEENEX IS BOXED SO CLEVERLY ... ONE HAND REMOVES A TISSUE ... AND UP POPS ANOTHER. ... ORDINARY KINDS CAN'T COMPARE.

(from a letter by S. C. S., Pittsburgh, Pa.)



I HAVE 45 CHILDREN

YOU SEE, I TEACH SCHOOL—HAVE 45 PUPILS—AND I WOULDN'T KNOW WHAT TO DO WITHOUT KLEENEX WHEN SNIFFLES START.

(from a letter by E. M., Edenton, N. C.)

DID YOU KNOW?..

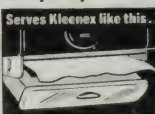
DURING COLDS ESPECIALLY, KLEENEX TISSUES SOOTHE YOUR NOSE, SAVE MONEY, REDUCE HANKERCHIEF WASHING. YOU USE EACH TISSUE ONCE—THEN DESTROY, GERMS AND ALL. KEEP THE KLEENEX SERV-A-TISSUE BOX IN EVERY ROOM IN THE HOUSE—KITCHEN, NURSERY, BATHROOM AND BEDROOM, AS WELL AS IN THE CAR!



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LITTLE GARDENERS HAVE

Big Fun

A Lesson in Parenthood



"Our gardening adventures might have been excuses for long lectures on the wonders of Nature and the complexities of botany, but they were nothing of the sort. We raise flowers and vegetables because it's fun to raise them—a game against weeds and drouth." ... Meet Taddy and Marian, above

By N. Carmichael

ONE of the most memorable lessons in parenthood I ever had came the day my little two-year-old Marian padded along behind me as I set cabbage plants in the garden. While my back was turned she upset my bucket of water and scudded back to the innocent shade of the grape arbor.

I had been too flattered by her beaming attention to treat the incident as anything but a joke, so she was soon at my heels again. She upset the bucket a second time; and plopped herself right into the puddle.

Right there I gave her the first helpful task she has ever done. While I made a hole and set a plant she dipped up a cup of water and stood poised to pour it around the roots when I gave the word. We were a long time setting that row of cabbage and had a lot of mishaps, but we had fun, too; and Marian has been grubbing around in the dirt making things grow ever since.

THAT day in the cabbage patch a new corner of a very big world opened up for a little girl. She grasped the fact that things grow, that seeds make little plants and that little plants make big ones. It was a miracle to her, a miracle in which she could have part.

Marian's first garden was a few short rows of, of all things, popcorn. Really it was a logical choice. The ears were pretty little things and were put to all sorts of uses in her play-like games.

Mother had to break the stalks down so Marian could reach the ears, but they were eager little child-like hands that pulled the shucks off and twisted the ears out.

THERE have been several gardens since then. Very simple affairs, indeed; but to one little boy and one little girl they were wonderful. Marian has gone in for zinnias because "Grandmother likes them"; and Taddy insists on carrots because he and his playmates like to wash them under the pump and eat them raw when they are small and tender.

Children aren't very subtle and not very patient. They want something that will bloom quickly and make a big show.

Marigolds and nasturtiums are fine. They practically never fail; and they bear profusely within a few weeks. The small varieties of zinnias are charming. Snapdragons require a little more attention, but children love them because of their mouths. Annual pinks are interesting because of their many shades and markings. Scabiosa fascinates little girls once their resemblance to pincushions has been pointed out.

Your child may find vegetables more attractive [Turn to page 86]

How Big IS A LITTLE ILLNESS?



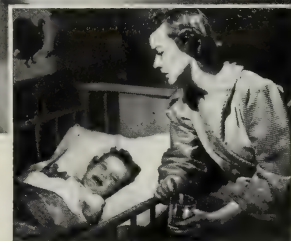
**Take no chances... call the doctor...
keep sick rooms clean with "LYSOL"**

WHENEVER there is any sickness in your household, keep the sick room... and everything that goes into it... *hygienically clean*. "Lysol" helps make cleaning easier and more effective.

Every week, the wise mother disinfects every nook and corner of the house with "Lysol" disinfectant. But this sensible routine becomes even more important during sickness or epidemics.

Don't wait for sickness to strike. Preparedness helps protect your family's good health. Check NOW your sick room supplies. Make sure that your bathroom cabinet... including "Lysol"... is ready at all times for any emergency.

Keep a bottle of "Lysol" on hand always, in the kitchen as well as in the bathroom, so that you may *disinfect as you clean*... in every part of the house.



"Lysol" is efficient; it kills most dangerous germs. "Lysol" is highly concentrated, and therefore economical to use. On sale at all drug counters. With every bottle of "Lysol" come full directions for its many household uses.

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Shop and save at your Neighborhood Druggist's during Sick Room Needs Week.

Your Neighborhood Druggist is Featuring Sick Room Needs NOW—

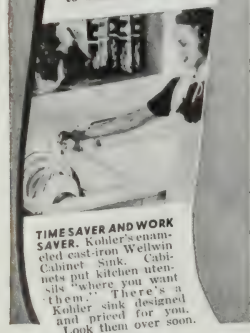


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SPEED IN THE MORNING. cleanliness the year round when your bathroom is equipped with a Kohler Lavette Dental Lavatory. Jim brushes his teeth while father shaves ... everybody's down to breakfast on time.



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A FIRST FLOOR washroom is not only a great convenience, but also intimates to every guest that you are a thoughtful hostess — a discriminating person.

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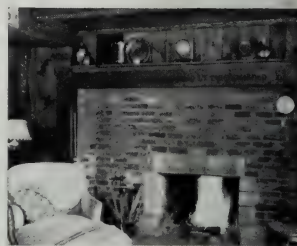
Native limestone walls cost, as Mrs. Coe puts it, "about one coat of paint more than frame walls." Only the silvery-gray pecky cypress and the old handmade brick for the fireplace weren't available locally

Details for Everybody

Even Tam, the Coes' Scottie, finds especially useful details in this unique five-room home from the moors

IT'S not often you see a five-room home done in the English tradition. Big places, yes, but not five-room ones. Yet this home, designed by William N. Caton for the S. J. Coes, Winfield, Kansas, nicely carries on that rugged, enduring look of the moors. Like it?

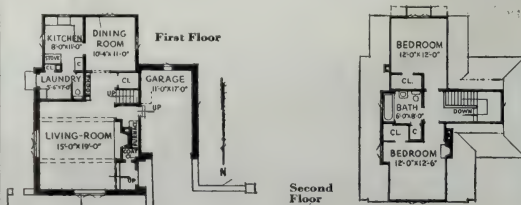
Architect Caton worked in features especially suited to the whole family. He designed the front bedroom especially for Mrs. Coe, whose hobby is weaving. Its fireplace and pine-paneled walls make it a cozy room indeed, and especially good for showing her weaving. She has set up her large hand loom there under the window. At night Mr. Coe, out on farms most of the day, heads for a comfortable chair and a good book beside the living-room fireplace, which is fronted with old handmade bricks. The small son in the family, Mike, goes thru clean clothes at a gallop, and the fact



Mr. Coe, in the farm-loan business, is out going over fields most all day; so the warm fireside, with plenty of reading handy, is his favorite spot when he gets home at night

that the house is basementless and has a laundry just off the kitchen is much to his advantage, tho Mrs. Coe is more aware of it than he. Tam, the Coe Scottie, has found the high stone window ledges make a fine place to stretch in the sun out of Mike's reach.

STORAGE space is provided under the roof and over the garage. Panels in the front bedroom are removable, exposing sizable areas under the roof. Living- and dining-rooms have low ceilings of pecky-cypress beams and pine boards.



NOW! THERE'S A Better Way to Build—Save Money Too!

Advanced Building Method Assures
VITAL SIDEWALL INSULATION as Well as Roof or
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CLEVELAND, OHIO.—The NET COST of complete Celotex ceiling and sidewall insulation for this attractive 6-room English-type home only **\$81**

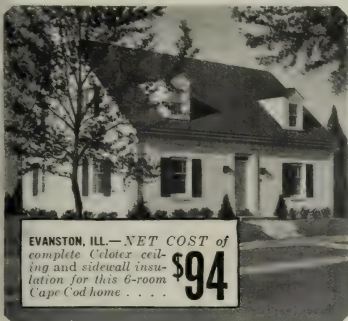
WHEN you make the most important investment of your lifetime—when you build your "dream house"—make sure that it won't be obsolete the day it's completed. Don't be content with partial insulation when you can own a completely insulated home at little or no added cost.

With the advanced principles of Celotex Safety Sealed Construction you get the plus comforts and the plus fuel savings of weatherproof, vapor sealed sidewall insulation in addition to insulation protection of ceiling or roof. And you get this vital safeguard to the value of your home without the cost of high priced "extras." You simply use modern, double-duty materials to replace materials you would have to buy anyway!

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EVANSTON, ILL.—NET COST of complete Celotex ceiling and sidewall insulation for this 6-room Cape Cod home **\$94**



WILKINSBURG, PA.—NET COST for Celotex ceiling and sidewall insulation of this 6-room English-type home was **\$77**



RAMSEY COUNTY, MINN.—Complete Celotex insulation of ceilings and sidewalls of this 6-room Colonial home included at NET COST of **\$92**



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PITTSBURGH, PA.—The ceilings and sidewalls of this 6-room house completely insulated with Celotex at NET COST of **\$73**

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Sheathing and Lath, plus Celotex Triple Sealed Shingles—the patent-process roofing that includes extra, long-life advantages. Since these modern products replace materials you would otherwise have to buy, you get a better house at lowest cost.

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went to the cupboard...



For lamp bulbs... and he
could have sworn...



That his wife kept some there
But the cupboard was bare



AND THAT'S HOW
★BULB-SNATCHERS ARE BORN!



★BULB-SNATCHER... the person in nearly every household who goes around snatching bulbs out of one socket to fill another, regardless of size. You can guard against this menace to eyesight by keeping a supply of the right size G-E MAZDA lamps on hand. Enough so every reading lamp can have at least 100 watts, well shaded. But be sure they're marked G-E! Even the 100 watt G-E MAZDA lamp is down to 15¢.



G-E MAZDA LAMPS
15, 25, 40, 60, 75
and 100 watts... **15¢**

G-E DIME LAMPS
7½, 15, 30, 60
watts, marked GE **10¢**

G-E MAZDA LAMPS
GENERAL ELECTRIC
Made to stay brighter longer

Money Garden for Children

No. 29 of a Series on Family
Life Insurance by RAY GILES

THE Twitchells have three small children. Ann's 5; Jean's 7; Tommy's 9. Recently their father told me of an interesting type of endowment he has taken for each child.

"It's called an infantile endowment," he explained, "and it's really a little dollar garden where a child can learn valuable lessons about money and good management. It teaches both thrift and the principles of life insurance."

This contract contains unusual features. Fundamentally it's a long-term endowment for \$500. The cost is about \$10 a year. The maturity date, if the child is 5 when the contract is issued, will be at the age of 39; for a 7-year-old it's at 40; and for a boy or girl of 9 it's at the age of 41. So you see the policy is primarily a long-range savings plan.

BUT it also has considerable attraction as life insurance, for if the child should die before the policy matures as an endowment, the parents would receive \$500, assuming that they are named as beneficiaries. (When the contract is issued at the age of 5, the death benefit would be slightly less than \$500 during the first two years.)

Today the importance of having a small "clean-up" policy of life insurance for every member of the family is recognized by many thoughtful parents, for the death expenses, including doctor's bills, of even a small child can be great enough to interfere with education of surviving brothers and sisters.

Next, this endowment recognizes the hazards of accidents. If the child should die by accident, the payment to the beneficiary would be \$1,000 instead of \$500. And if both hands or feet were lost in an accident, or accident resulted in permanent blindness, \$500 would be paid immediately to the child and it would be given also \$500 worth of paid-up life insurance.

As with other endowments, the cash value of this policy becomes greater each year. It thus becomes growing collateral for borrowing if that should ever be necessary.

FINALLY, at maturity of the endowment, the proceeds can be used to increase the policyholder's life insurance for the protection of the family he's likely to have at that time. The \$500, together with accumulated dividends, will buy a nice amount of paid-up life insurance.

So I'm not surprised at Twitchell's enthusiasm over this unusual financial arrangement. "It's both savings and life insurance in one and the same package," he declares, "pretty well pleased with himself. And with that definite goal of \$500 in sight, I believe that my children will be glad to pay the premiums when they can." And he's right as right can be in thinking that no other plan teaches thrift and the essentials of insurance so well.

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Our Front and

By Marjorie Henderson

LIKE so many homes built about twenty-five years ago, ours had the then-fashionable front and back parlors separated by rolling doors. The fireplace was centered on one side of the front room, with a recessed window on either side. Across the back of the rear room were three small windows extending out about a foot and a half beyond the line of the house in bay-window fashion. Neither room alone was big enough, so we decided to make the two into one good-sized living-room.

The partition was removed. To break that long look we put in a new picture window at the far end, flush with the line of the house. Then to give the appearance of width, we had our bookcases built in on an angle at either side of the window. A deep shelf across the top of the window joins these two units. To conceal the large radiator, directly in front of the window, we added a grilled window seat joining the lower part of the two book units.

NOW the mantel—the most precarious job of all! Since we couldn't actually move the chimney or the fireplace opening farther down toward the center of the new room, we produced the effect by building a wood-box on the left side where the old window had been. The mantel was lowered and extended over the wood-box. Then we paneled right to the ceiling. The hearth, which was too deep, was narrowed and extended the full length of the unit. The old recessed window on the right was removed, and part of the opening used for a French door leading to the porch.

THE dark chestnut woodwork not only dated the room but made it seem dark and gloomy. So the wood trim and the ceiling were painted a soft ivory and a diamond-patterned paper used on the walls. On the wood-box and the cabinets under the bookshelves went "H" and "L" hinges. Then the floor was patched and scraped and at last our new room was completed. With the exception of a new square-patterned hooked rug and a couple of lamps, we used all our old furniture. Our new linen draperies boast all the soft warm colors that are in the rug, and so do the slip-covers.

Opposite the fireplace seemed the perfect place for our divan, with a small table and lamp at either end. For directly over the divan we have an oil painting of Great-Grandfather, until now reposing in the store room. Off came the heavy gilt frame, to be treated with a mild soap and a coat of French shellac. I'm sure I can now detect a very pleased gleam in Great-Grandfather's eye.

SO NOW our room is finished and it's just as we visualized it—comfortable, homelike, cheerful, and above all, full of that lived-in feeling.

Back Parlors Join Forces



Before When we decided to make our front and back parlors one, we had this fireplace in one room. It immediately gave the new room an unbalanced effect; besides, it was a dark, somber fireplace with a very wide expanse of brick, so here is what we did . . .



After With the partition between the rooms gone, the fireplace seemed badly off-center. Unable to move it because of the chimney, we enlarged the unit, giving it a more generous air and greater importance. Our new mantel framed in a great deal of the red brick



Before It was indeed a dreary, long-drawn-out view thru the two rooms to an uninteresting group of windows on a flat wall, with the white-painted radiator standing out prominently; the only break, dark wood trim at partition. So this is what we did . . .



After We rebuilt the old bay in the second parlor, framed it with bookshelves set at an angle, then concealed the radiator with a white cover. Color was added, too, by our curtains and china pieces

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No. 4 in a Series—The Putters Build a Home

How Big Is a Boiler?

By Eugene Lord



"MODERN science certainly is wonderful," remarked Mr. Putter, settling back to his after-dinner cigar. "I'm thinking particularly of the way in which you specified the correct boiler size for our new house. I don't see how a fellow can tell just how much heat a house is going to need. Houses vary so much in size, climatic location, room exposures, wall materials. . . it seems amazing that even an architect can sit down with pencil and paper, and figure it all out."

"Well," said Mr. Roberts modestly, "it's quite simple, once you know how. As a matter of fact, I didn't do the actual figuring myself. Our heating man did that. Then I checked his calculations. It's always wiser to let a specialist do the work, and then temper his findings with your own common sense."

"Even so"—Mr. Putter was determined to admire the architect—"the whole thing seems so complex . . . how you can come to an accurate result like picking out a Sohoh 12-X boiler, as in our case."

MR. ROBERTS felt the compelling urge to reveal all.

"You know," he confided, "it's not as accurate as you may think. The whole process is based on a series of assumptions. Here's how it's worked." The architect leaned forward with his elbows on his knees.

"First of all, let's answer this question: 'What do we do when we heat a house?' I think you'll agree that what we're really doing is replacing the heat the house loses."

"Correct."

"If, therefore, we calculate the amount the house loses, we know how much we must supply. Check?"

"Check."

"Now, then, heat is measured in terms of B.T.U.'s."

"B.T. what?"

"B.T.U.'s. British thermal units," the architect explained, "—the amount of heat that will raise the temperature of one cubic foot of water one degree Fahrenheit. Is that clear?"

"Oh, yes," said Mr. Putter. "Quite."

"WELL, then, to find the number of B.T.U.'s which pass to the outdoors, we must know three things—the indoor temperature, the wall and roof materials, and the outdoor temperature. Of these, only one is fixed and definite—the materials and their

resistance to heat flow, as determined by laboratory tests. The other two we assume. Indoors, let's say, the temperature is 70. Outdoors, zero. And here we have the first two assumptions. Do you follow me?"

"Yes, indeed," said Mr. Putter, airily. "Go right ahead."

"Of course, these assumptions vary for different parts of the country, according to the climate, but they're nevertheless quite arbitrary."

"I can see that," Mr. Putter put in. "Why, I remember three winters ago . . ."

"NOW, then"—the architect was not to be sidetracked—"each material tested is listed according to its heat conductive capacity. For instance, if the conductance of a certain material is 2, that means that each square foot of the material's surface will lose two B.T.U.'s each hour for each degree of temperature difference between the indoors and the outdoors. If it's 70 indoors, and zero outside, and there are 10 square feet of the material, that will be—hm—two times 70 times 10—1,400 B.T.U.'s per hour. And that's the amount of heat we must supply to offset the loss thru that particular material. By continuing this process over all the exposed surface of the house, we arrive at the heat requirements. Simple enough, isn't it?"

"No," said Mr. Putter, "but never mind. Go ahead, and I'll try to catch up."

"Further assumptions are brashly made in the form of allowances for air changes, prevailing winds, exposure, sun radiation, and so forth, before we reach our final figure."

"AND that's what the boiler has to supply?" There was a tinge of eagerness in Mr. Putter's voice, like the whinny of a mare when it smells the stable.

"No—we generally double it, just to be on the safe side."

"WHAT?" Mr. Putter dropped cigar ash on his vest. "After all that calculation? How is it that our heating systems manage to work at all?"

"Well," said the architect, "that's why we have thermostats, variable radiator valves, automatically adjustable burners. . . . They are to the heating system what the accelerator and brake are to your car. Now, do you still think modern science is wonderful?"

"Miraculous. . . ." sighed Mr. Putter.



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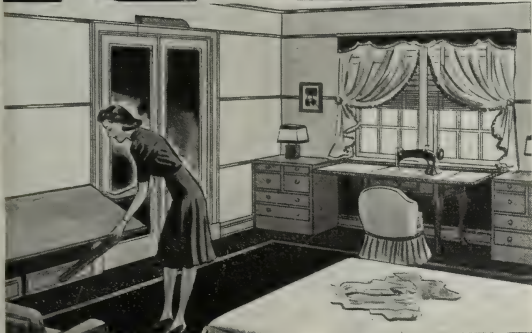
The old home is "saved."

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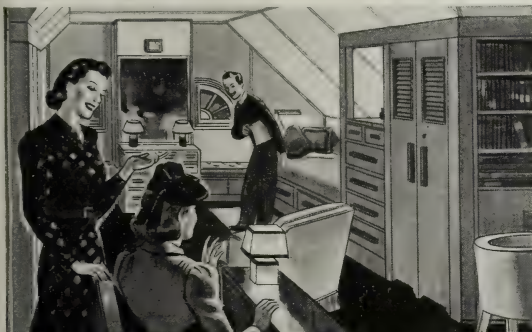
Let's tell people how we did it.



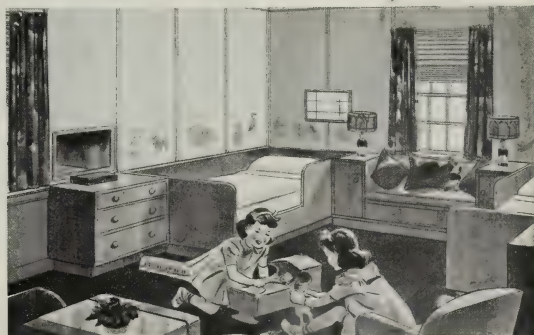
The plaster walls in my old sewing-room were full of cracks, so we put Masonite Tempered Presdwood over them and grooved it with a horizontal design. My Tempered Presdwood cutting-table folds into the wall and my sewing-machine becomes a dressing table. And so the room can be turned into a delightful guest room!



Just look at this cozy den of Harry's . . . transformed from the old parlor, by having built-in sofa, bookshelves and private closet of Masonite Tempered Presdwood. You see, it's a very strong, all-wood board that is grainless and moisture-resisting. Ideal for remodeling, because it won't warp, chip, split or crack.



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And then we turned the twins' room into a real nursery, by putting Masonite Tempered Presdwood right over the old walls and ceiling. We painted the walls peach and the ceiling pale blue. And we found it was easy to make the built-in furniture of Tempered Presdwood too. It can be cut or sawed to any size or shape.

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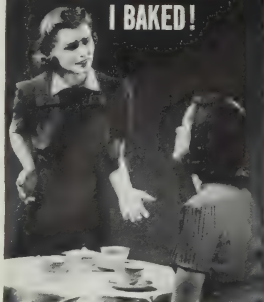
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I WAS ASHAMED TO TELL
THEM WHICH CAKE
I BAKED!



HOW could Lou confess that the cake she made was the one everybody poked fun at?

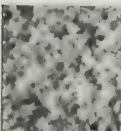
If only she had realized the importance of choosing her baking powder. Any woman can be more certain of baking success every time with dependable Royal.

You see Royal, made with Cream of Tartar, has a special "steady action" that is different from most baking powders. Royal begins its work the moment it is stirred in the batter. Thus the expansion of the batter is continuous and even. That is why Royal cakes are fine-grained...light...fluffy. Why they keep their delicious moistness and flavor longer.

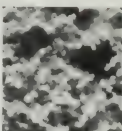
Many baking powders seem to have an explosive, uneven action. A greater part of the expansion is delayed until the cake is in the oven, and rising is often over-rapid. It may blow the batter full of large holes. Then the cake will be coarse...dry...crumbly.

Look at these actual photographs of cake, magnified, and see the difference in results:

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Cheap baking insurance—Royal costs only about 1¢ per baking. The rest of your ingredients cost 30 to 40 times that much. Pure Cream of Tartar makes Royal cost more per can—but the difference per baking between Royal and ordinary baking powders is only a fraction of a cent!

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Do Better Homes Need Dining-Rooms?

By Ruth Allison

SHALL we chuck the family dining-room overboard? That's the opening gun for many a pitched battle between architects and home-builders these days. Like most debates, it's many-sided.

It's argued and proved by neat figures that doing away with the dining-room cuts building and furnishing expense, allows more space for the other rooms, saves work for the homemaker. Even the first lady of the land confesses that she can't see any reason for a separate dining-room unless a big family of children has to study around a large table. With many others, she feels it's not only more modern but more fun to eat in the living-room, that with so little time spent in dining at home it's hardly sensible to devote a special room to it.

VIEWED by these standards, we'll have to admit that the dining-room doesn't pay. But scan the other side of the ledger. What about the human values all wrapped up in the dining-room? Dollars and minutes and floor space saved aren't infallible measuring-sticks. The dining-room holds riches no other room can offer—the promise of honestly enjoyed, lasting family life—of friendships more sincerely made and kept, of better neighborliness and sounder citizenship. Aren't we gambling with something mighty precious when we try to uproot such riches and transplant them to the more public, less intimate atmosphere of the living-room?

Dining-rooms certainly can boast a long and honorable service record. Prehistoric man retreated with his mate and offspring to some snug little cave to devour his kill safely and enjoyably. The ancient Romans considered dining most noble of all the arts. In feudal England the feasting hall was the central theme of the castle. So it went down thru the ages, with always the dining-room the one enduring, integrating factor which more than any other helped keep home fires burning and family ties knit. And so it is today.

IN THIS whirling, hurried world of ours, the evening meal is virtually the only time when the family can sit down together in one group—naturally, comfortably, and at peace with the world. At breakfast, day begins with its various urgent demands. It's mainly a matter of getting something to eat and being on one's way, which can be done as well from a tucked-up breakfast nook as from anywhere else. At lunch, time is again limited and the family scattered.

But at dinner! Then comes the



"... but for that hour—perhaps the only one in the entire twenty-four—the whole family is one unit, in one room, with one mind"

real get-together, the exchange of experiences, of little triumphs, of viewpoints and laughter. Then comes the close sweetness of association with one's own people and friends—in one's own home, a niche and a refuge set apart from all the world. After dinner, outside diversions may again beckon, but for that little hour—perhaps the only one in the entire twenty-four—the whole family is one unit, in one room, with one mind.

IT'S up to us parents, faced with the problem of keeping youngsters interested at home rather than seeking questionable pleasures elsewhere, to meet competition with high-quality home attractions. Dinner hour in the family dining-room offers the perfect time and place. Even the most blasé young jitterbugs still enjoy good food, good times, good conversation. But the best food in the world won't intrigue them if they have to eat it to the accompaniment of fault-finding or quarreling. Make mealtime a joy! Many of the happiest families we know ban all but pleasant topics at the table. Why not make it a rule in your dining-room? Family upsets have no place there. For, as someone has said, "good digestion waits on appetite, and health on both."

A room as important as the dining-room should have the best we can give it in the way of furnishings—comfortable, sturdy, well-proportioned dining table, chairs, and other needed pieces. Excellent design and construction, good honest woods, fabrics, and leathers, delightful colors subtly worked into a harmony—these are essentials in building that sense of security, wholesomeness, and pleasant living that bolsters up the spirit just as the good things from the table satisfy the inner man.

WHAT memories these family dining-rooms conjure up! Thanksgivings and Christmases, great kitchens filled with redolent odors of wonderful food, womenfolk all abustle in last-minute preparation, young fry hovering hungrily, the dining-table under its snowy linen stretched to the utmost, laden with good food; lovingly prepared. And then comes the king of the feast, golden brown, bursting with flavor and Grandmother's prize stuffing. Mother and Dad—a bit shaky now that the big event is really here—look down the long table, proud of their family and kinfolk, boundlessly happy to have them together again.

Priceless memories, these. And our dining-rooms of today hold the promise of countless more.



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glorious it feels to lie there...every tired muscle whispering rest, rest. You drift off . . . relaxed as a baby . . . on truly the world's most comfortable mattress. *Yes, even more comfortable than any former Beautyrest.*

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Costs LESS in the long run. Your New Beautyrest costs \$39.50 (easy time payments, of course). This price comes down to about a penny a night. As we have *proved*, Beautyrest lasted 3 times longer than other types of mattress in the laboratory. Isn't it reasonable to assume that Beautyrest will last longer in *your home*, too . . . particularly than "cheaper" mattresses? And if Beautyrest lasts longer, doesn't it really cost less over the years? See it today!

IMPORTANT: If you are shown other mattresses supposed to be "just as good" as Beautyrest, remember that no other mattress has ALL of Beautyrest's advantages. Beautyrest is made only by the Simmons Co. So insist upon seeing this label!



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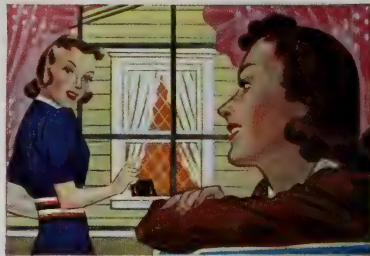
LUXURY COMFORT FOR
A PENNY A NIGHT
WITH THE NEW DEEPER BEAUTYREST



The Case of the Carefree Neighbor



1. I was certainly upset when I saw that our new neighbor had gone off in her car and left her windows open. Just as I thought, it started to rain. "Had the whole place redecorated when they moved in, too," I said to my sister Amelia, "I hate to think what will happen to her lovely new wallpaper!"



2. Next day the sun was pouring in her windows, and did she pull down the blinds? I should say not! "Careless," I said, "her house must be a sight." Just then Amelia said, "Look... the baby's made a smudge on the wallpaper, and now she's washing that wallpaper with a wet sponge. I'm going over there!"



3. Amelia came back bubbling over. "Prettiest house you ever saw! She says it's Imperial Washable Wallpaper... guaranteed to wash and not to fade!"

"Hm," I said, "it must cost a pretty penny!"



4. "No," said Amelia. "I found that out, too. She said those patterns were so inexpensive she decided to do over the whole house! Our little neighbor is mighty smart!" "You know," I said, "I'd like to be that carefree too! Let's plan to redecorate with Imperial this spring!"

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Something New in Porches

By Bernice A. Perry



Sunlight gently diffused filters down to the porch's occupants

"NOPE," said the carpenter, shifting his cigar to the other corner of his mouth with his tongue and squinting at the house front between narrowed eyelids. "Nope, it can't be done! It ain't never been done, has it? Well, then, it stands to reason, if it coulda been done somebody woulda done it already."

"No," said the manager of the glass factory, "I don't believe you can do it; but if you *do* do it, let me in on it, will you? Maybe it will sell more glass for us!"

"NAW," said the truckman who freighted the sheets of cast glass 300 miles from factory to destination. "Naw, you'll never git pieces o' glass as big as them is up that high without smashing 'em all to hellagone!"

Even the builder's son and helper looked dubious.

It couldn't be done, but we did it. The house needed a porch. An invalid member of the family, unable to walk about, longed to be out-of-doors. The usual type of porch with shingled roof built large enough for an outdoor sitting-room such as we needed would not only darken the living-room but also put the rest of our small house all out of drawing. At first we considered an awning, but discarded the idea as too temporary and unstable. Then a pergola with screened top and sides suggested itself to us. But that would necessitate a wild scurry to get work-box, magazines, and cushioned chairs under cover every time a shower came up.

HOWEVER, the pergola type of architecture appealed to us. It was interesting, airy, yet solid. Its lines were in keeping with the tall trees surrounding the house. Then came the inspiration of a glass roof to our pergola-porch. This, we thought, would solve all our problems. Really, it was but the beginning of them. Contractors and carpenters alike re-

fused to undertake such a job. Objections were many and varied. Glass used in small panes as in greenhouses couldn't be made water-tight without a wide lapping when the pitch of the roof was so nearly level. Glass in large sheets would be much too expensive; besides, as glass expands and contracts in heat and cold, a rigid frame would cause the glass to crack in no time. You couldn't handle a large sheet of glass eight or nine feet up in the air like that; and, anyhow, it never had been done. This looked like a full stop, tho all objectors were willing to build the usual roofed porch.

WE MOANED in the ears of the man who had contracted to paint the house after our repairs and alterations were finished. He proved to be a person of ample technique and more imagination than anyone else with whom we had talked. He caught our idea immediately; in fact, he said he had thought of building porches with glass roofs twenty years ago but had never found anyone daring enough to risk trying it.

We challenged this workman to take the job from start to finish. Here was the opportunity to put those ideas of his into concrete form. He took the dare. With his son as helper he built the reinforced cement floor, 10 feet x 6 feet, marking it off while still soft into twelve-inch squares to be painted as tiles in keeping with the exterior color scheme of the house. (Under this porch he built for us the grandest room to be entered from the basement for the cool storage of fruit and vegetables.) This cement floor isn't built over a fill, but rests on a stout wall of cement blocks carrying ten girders of three-inch iron pipe. Such construction prevents lateral cracking or separation from the house frame, and provides an unshakable support for the upper glass-carrying construction.

OUR builder went to the glass factory, discussed the job, and came back with samples. The factory people were interested, but not encouraging; it might be a fine thing for the glass business if we could do it, but—?

The frame was built, painted, and the glass or— [Turn to page 106]



None of winter's welcome sunlight is kept away from the living-room by this wire-protected glass roof

She's learning early...



IT'S HARD TO WEAR OUT
A PEQUOT!

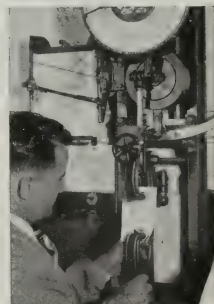
HERE'S a bride of 1960, making her first test of Pequot wear.

Her tooth test is new, and we're for it. Pequot invites tests—urges tests—any kind of wear test you can devise.

We've passed laundering tests, laboratory tests and—hardest of all—the housewife test! Women have voted us the most popular sheet in America. And we're looking for new worlds to conquer!

So... what's your wear test? A husky, growing family? Unusual washing conditions? The harder your test, the better we'll like it—and the better you'll like Pequot.

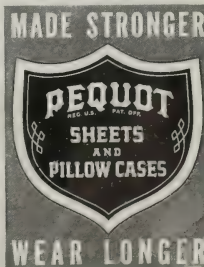
Just don't let rich appearance surprise you, when you buy Pequots. The same superior cotton and firm weave that make Pequots look so luxurious, also make them strong. You'll put Pequots on your guest beds for luxury—on every bed for wear.



U. S. Testing Co. of N. Y. checks Pequot Sheets bought at random in many cities. *Pequot* sheet has exceeded government standards for weight, thread count, breaking strength!



Luxury You'll Love! S-t-r-e-t-c-h and relax, in the smooth luxury of Pequots! These crisp, snowy sheets invite sleep—the firm weave keeps the sheets fresh longer. Pequot Mills, Salem, Mass.





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FIRST, DAD—



"LET'S SEE
GLACIER PARK FIRST—
THIS IS THE MOST GLORIOUS
PART OF AMERICA—"

● Long a favorite vacation spot and stopping-off place for transcontinental travelers westbound or eastbound, Glacier Park offers the world's most colorful mountains, lakes and waterfalls. For your comfort and convenience—picturesque hotels, chalets and trail camps, sightseeing motor coaches, lake launches and trustworthy saddle horses.

● Take a thrilling vacation in 1940. Any Great Northern Representative will gladly map a complete western trip for you, including Pacific Coast points or Canadian Rockies. Or mail coupon below.



A. J. Dickinson
Room 816, Great Northern Bldg.
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Send information about trip to—

Name _____

Address _____

City _____ State _____

Relieve Your Window Pains

[Begins on page 30]

of tie-back should be identical for both curtains (whether ruffled or straight edged) and not, as is sometimes done with these two-toned curtains so popular in the present market, draped high on one side and very low on the other, producing an uneven, listing effect. You may, however, have one side fall straight with the other held back.

The worst problem windows, when it comes to glass-curtaining, are usually:

Those Pesky Little Windows over bookcases at either side of the fireplace are too small to have much importance yet significant enough to

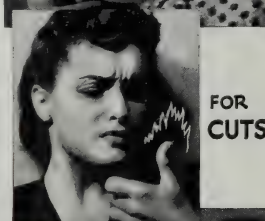
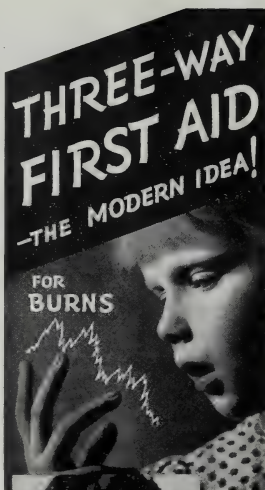


Fairclough & Gold

Charming version of a double-life curtain, so called because it can be hung from top or bottom

be a problem. Treat them as simply as possible, usually with just a straight, full curtain with a small heading at the top, similar to those at the other windows. Or the curtains may be shirred and held taut top and bottom by rods. Even the tie-backs may be used elsewhere in the room, it's usually futile to attempt this treatment on so small a window. It becomes merely a fat, squat bunch, but occasionally we break even this rule, especially in small, informal houses where all the windows are relatively short. When Venetian blinds are used in the room, the small window will take gracefully to them.

These same thoughts apply to that shallow, long horizontal window in that hall or over the buffet in the dining-room. If, in the dining-room, the window isn't needed for light, why not effectively block it out by covering it, as well as the wall space below, with an interesting fabric (a damask, linen, or India print) hung from the moulding to the buffet? Still another idea for your small window, if it blends with your general decorative scheme—try installing on just this window glass shelves for interesting bits of glassware and pottery.



Unguentine is an antiseptic that's a burn remedy—a burn remedy that's an antiseptic! It gives one-two-three relief in the modern manner.

1. It contains *Parahydrocin... fights infection without stinging or staining the skin.
2. It is soothing, anesthetic; quickly helps relieve the pain of an injury.
3. It stays in contact, and promotes healing, usually without a scar.

Be Modern! Be Prepared!

Always keep a tube of soothing antiseptic Unguentine in the kitchen, instantly ready for cuts or burns... another in the tool compartment of your car... and an all-important third tube—or the economical jar... in the family medicine cabinet.

Large Tube 50c.
Economic Family
Size Jar \$1.



French Doors fit into the curtain picture according to their location in the house. When the door is merely a connecting link between two inside rooms where privacy isn't required, it may remain "undressed."

But if it leads outside and is undressed, it looks like a forbidding hole in the wall at night. Since a French door functions as a door as well as a window, we can use a curtain drawn taut between rods at top and bottom, or one on a rod at the top but free at the base, or curtains pushed to either side, with a cord to draw them at night if other windows in the room are treated similarly. Interesting variations of this plain shirring are intermittent pinch pleats, pressed box pleats, and close side pleating.

Here again Venetian blinds or shades can be used to good advantage. They are best used in conjunction with side draperies installed sufficiently "offside" so as not to interfere with the doorway.

Groups of Two or Three Windows separated merely by trim should be treated as a single unit, using a long rod so the curtains may be drawn together, and one Venetian blind can be ordered to do the work of several.

Casement Windows When they open in or pivot, the problem is comparable to that of the French door. But when they open out, it's generally wisest to fasten the curtains to the inside frame of the window to keep them from blowing out.

Stairway Windows The stairway window which can be readily seen from the foot of the stairs should be considered along with the windows in the room below, particularly if the stairway leads from the living-room. If the downstairs curtains are floor length, the hall window should be, too.

Venetian Blinds or Window Shades may be used with any type of decoration. There's nothing more practical and necessary for control of light and ventilation for your rooms than blinds or shades. Use one or the other with all curtains.

And more and more we are using trimmings on the edge of our curtains and tie-backs. Glass curtains used without draperies seem especially to demand them.

Furnishing Decorating

AMONG columns and columns of good helps with your furnishing and decorating problems coming in next month's *Better Homes & Gardens* is the 7th in the Terhune series, this one on how to frame your windows with beauty (draperies). Then there is a bit of repartee—just one slip-cover to another (will it be slim and trim or fluffy with ruffles?). And how does the modern Goldilocks select her bed? We tell you next month.

...ever pack a suitcase?

How much more you can get in a suitcase if things are folded nicely than if they're wadded up and tossed in! And this same principle makes a Kotex* sanitary napkin less bulky than pads made with loose, wadded fillers...

Kotex has a soft, carefully *folded* center (with more material where you need it...less in the non-effective portions of the pad). So naturally—it's less bulky! Less apt to chafe, too...for Kotex is entirely sheathed in cotton before it's wrapped in gauze!



Why be self-conscious! With Kotex your secret is safe! Pressed ends (patented by Kotex) never make embarrassing, tell-tale outlines... the way napkins with thick, stubby ends so often do!

And—for complete peace of mind—remember this. Between the soft folds of Kotex there's a moisture-resistant panel! A special safeguard... newly developed by the Kotex Laboratories!



Kotex* comes in 3 sizes, too! Super—Regular—Junior. Kotex is the only disposable sanitary napkin that offers you a choice of 3 different sizes! (So you may vary the size pad according to each day's needs!)

All 3 sizes have soft, *folded* centers... flat, tapered ends... and moisture-resistant "safety panels". All 3 sizes sell for the same low price!



**FEEL ITS NEW SOFTNESS
PROVE ITS NEW SAFETY
COMPARE ITS NEW
FLATTER ENDS**

"You scarcely know you're wearing it!"

EXTRA YEARS OF BEAUTY—nothing sets off a house like a new coat of paint and no paint keeps its good looks like white lead paint. White lead doesn't mean white paint only—you can get any color.



The lead we're mining here is what puts gumption in paint



YOU know how lead stands weather. Well, this lead metal is what's used to make the white lead used in paint.

No wonder white lead paint lasts so long. No wonder it stays smooth and tough and durable—free from cracking and chipping like lead itself.

You don't have to take my word for it that lead is great stuff in paint.

Just ask any painter who's got a reputation for work that stands up. He'll tell you the same.

So it's a good idea when specifying paint to know how much

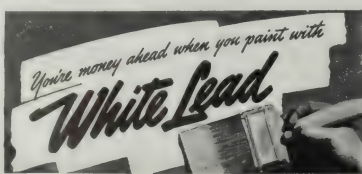
lead it contains. And it's a pretty safe rule to say: *the higher the lead content, the better the paint.* You can't, for example, get a more durable paint than one containing 100% white lead. This is the kind good painters mix from lead-in-oil. In many localities it is also sold ready for use.



WHAT TO EXPECT FROM WHITE LEAD PAINT is a book you ought to have if you're thinking of painting. Send for your free copy today.

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420 Lexington Avenue
New York, N. Y.

FOR GOOD PAINTING choose a good painting contractor. Doing a good job on cornices and other hard-to-get-at places requires expert knowledge that makes the work of the skilled painter your wisest choice.



REG. U. S. PAT. OFF.

Well, I hear the modern young man across the street has instructed his wife that his heavy woolen underwear isn't to be hung outdoors to dry beside her silken things.

There's a new red-haired boy at our house, and if he says or does anything worth reporting here I'll be in a fine quandary; I've almost run out of initials for the family.

Maybe I'll call him p. s. for postscript.

Anyhow, with three tots disturbing the peace around the house, perhaps I can now stop treating the b. w. as if she were a co-ed belle.



"... when you save outgrown clothes"

In any family argument about expenses, I have two trump cards. I always claim that good meat loaf is better than turkey, and succulent hamburger can be better than steak.

Oddly enough, when you save one child's outgrown clothes for another to wear, he's always the right size for the winter things in summer and for the summer things in winter.

A new race of husbands, trained to read a magazine while listening to the radio, can now carry on conversation with their wives without removing an eye from the sports page of the newspaper.

"I used to resent people who put on airs," muses Phyllis Gowan, "but now I realize that they are people who think their fellowmen are worth impressing."

Some of the suspicious souls in our block say the new couple around the corner didn't really go to Florida for

their winter vacation, but spent it under sunlamps less than 200 miles away.

"Why?" says the druggist's wife, "they didn't even send anyone a postcard from Miami!"

The newlyweds two doors away are getting a reputation for being a little bit "fast" among some of the neighbors, largely because they play paddle tennis outdoors on mild days in February.

Our local banker seems more human nowadays. Formerly he didn't even put on a green necktie on St. Patrick's Day, and now he wears a green tweed suit.

A March thaw always brings me a spurious stirring of boyish vigor. I'm tempted to walk all the way downtown, I won't wear my rubbers, and so I get my feet wet and get bawled out at home.

"Well," reflects Les Gowan, "most of the boys who married money in our town are now working for boys who married for love."

Incidentally, what has become of the younger brother who used to make a girl's life miserable when her beau was courting her on the davenport? Has he become too sophisticated to kibitz at romance?

Probably the little scamp is out on a date himself.

My sociable neighbor across the alley who's always luring people to play ping pong, throw darts, and shoot his air pistol in his basement confides that it costs him an average of about \$1 per ping-pong game in refreshments. [Turn to page 85]



Wallflower at dances: star on ice skates



To every family that wants a home of its own !

WHAT do you want to know about owning a home? Have you looked for authentic answers to questions like these? How to select a neighborhood; how to finance; how to make effective use of architect, contractor and dealer; what are the advantages of the various types of architectural styles? And have you wondered about materials—have you been unable to decide how to insulate, what to use on walls, ceilings and roof?

Here's a book to help you. Its name is—*"How to Have the Home You Want,"* just pub-

lished by United States Gypsum. It's *free!*

This book is expert guidance for you—whether you build or buy a new home or remodel an old one. It may keep you out of difficulties; may help save hundreds of dollars in planning your home. *"How to Have the Home You Want"* shows how to determine requirements for your family; how to budget and handle other details to assure a sound investment.

For 38 years, the United States Gypsum Company has been engaged in the manufacture of home building materials. Many

outstanding improvements in wall and ceiling construction, in insulation, roofing and decoration are results of the USG application of research to home construction. Today USG materials can contribute greatly toward making your home a better value by providing more fire-protection and greater comfort. Your local United States Gypsum Company Dealer can secure for you *"How to Have the Home You Want,"* Or enclose 25c with coupon for your copy. USG materials are sold by lumber and building material dealers everywhere.

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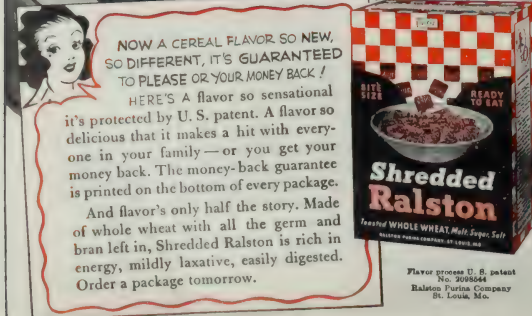
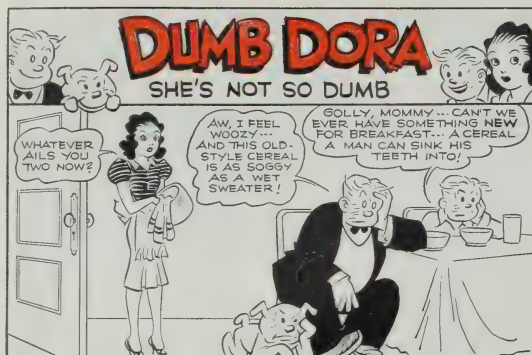
Please send me a copy of *"How to Have the Home You Want."*
(Enclose 25c in coin or stamps.)

Name.....

Address.....

City..... State.....

BHG-3-40



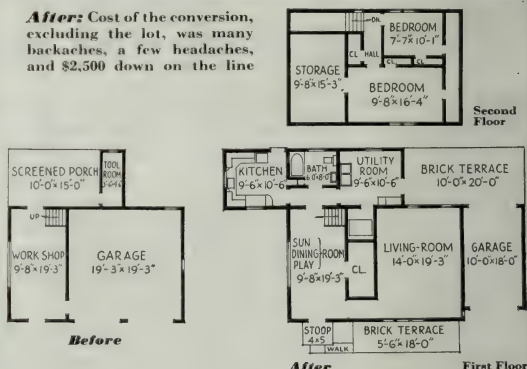
Comes Resurrection



Before: It stood on one of Schenectady's best suburban streets



After: Cost of the conversion, excluding the lot, was many backaches, a few headaches, and \$2,500 down on the line



WHEN the A. B. Wellborns of Schenectady went shopping for a home and came back with a dirty gray garage and a 150 by 550 birchwood lot, some people sniffed. But the Wellborns, as they see it, "got what they wanted—a large lot, a 'good' neighborhood, rural atmosphere, the 'right' school district, and, of course, a house. All on a lean pocketbook, too." They painted the concrete garage floor with waterproofing, laid building paper and insulation, and built a new floor

over it. They added a second floor, a garage, bathroom, and kitchen. They did much of the work themselves. They installed automatic heating, modern plumbing, a streamlined kitchen with a new range, refrigerator, and dishwasher. All this cost, excluding the lot, \$2,500. Tho the house has its shortcomings architecturally, it's packed with modern equipment for convenient and comfortable living. Most of the sniffing people have stopped sniffing, too, except when they have colds.

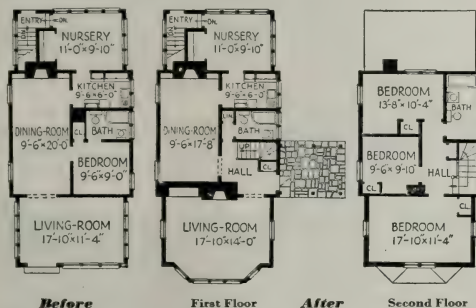
By John Normile, Better Homes & Gardens' Architect-Editor;
Member, American Institute of Architects



Before: Well, it was a nice, big, deeply wooded lot anyway



After: Look what an FHA remodeling loan, a brush coat of white cement on the exterior, and a second story and a bay window did



Before

First Floor

After

Second Floor

IT'S often cheaper to remodel the old home than buy a new one. At least that's what the W. M. McMillans, Downers Grove, Illinois, decided after a thorough investigation of properties for sale. Architect Carl E. Heimbrodt, of Western Springs, planned the remodeling—which basically was just adding a new second story on top of the old one-story house—and contractors Murphy & Liljekovist went to work. Only addition to the floor area of the original house was the bay window, the

those who've seen the house both before and after remodeling have trouble believing that at first. Because the old sidewalls and new construction were insulated, the original automatic heating plant was found quite large enough. Heating bills have increased very little. The floor plans show no extensive changing was necessary in the first-floor layout. All of which is proof that many another old house which doesn't look like much can be converted to something pretty nice.

COOKING METHODS HAVE ALSO CHANGED!

Styles of 30 years ago look mighty funny today, but cooking methods have changed just as much . . . even though some of us don't realize it!



1. "The strange-looking clothes of yesterday belong in the attic all right. But that doesn't mean out-moded cooking methods belong in today's kitchen. I didn't realize how wonderfully cooking methods have been improved . . . until I got my new Hotpoint Electric Range. Just imagine . . ."

2. "... the air is so fresh and free from fumes that I can keep our canary in the kitchen! There's no soot or grime to smudge my walls. And the Hotpoint electric way is safe, clean . . . and much easier than you'd ever dream cooking could be! It's really all so very simple that there's . . ."



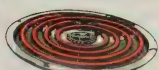
3. "... nothing new to learn. Anyone can bake beautifully with a Hotpoint All-Purpose Oven. All cooking is greatly simplified, and the results are far better. You have a choice of five Measured Heats . . . and you just can't help cooking food that the whole family raves about! Don't worry . . ."

4. "... this won't soil your white glove! The efficient Calrod heating unit is as clean as an electric light. And it cooks foods so quickly! With today's low current rates we actually save money! I'm delighted that we've gone modern with an economical Hotpoint Electric Range."

You, Too, Can Enjoy The Economy, Dependability And Ease Of Hotpoint Measured-Heat Electric Cooking



Measured Heat
Simplifies cooking—
saves time, labor and
money—ends guesswork



NEW CALROD
Cooking Unit

With self-cleaning coils and five measured heats. Starts faster and cooks more economically than ever before. To get the exclusive advantage of Calrod, be sure the range you buy is a Hotpoint.

AS LITTLE **\$104** A WEEK
AS **1** HOTPOINT
ELECTRIC RANGE

THE ARISTOCRAT (MODEL RC4)—All-porcelain, inside and out; Master Pilot Light; 3 Calrod Surface Units with Measured Heat, and new Hi-speed Thrift Cooker; All-Purpose Oven with Measured Heat, Interior Light and Automatic Timer Clock.

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Hotpoint **ELECTRIC RANGES**

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THIS BOOK TELLS HOW TO

Achieve BEAUTIFUL ROOMS *The Inexpensive Way*

THE creation of beautiful rooms is neither difficult nor expensive—as you will discover when you read Lurelle Guild's latest book, "The Inexpensive Way to Decorate."

This authoritative book, with 18 illustrations in full color, tells and shows how to obtain correct decorative effects through proper furniture placement and the simple expedient of *recurtaining*. Nothing else you can do will take less time, cause less bother, cost less or do more to transform a room than lovely lace net curtains.

This year's Scranton Craftspun* Curtains are exquisite, styled to meet every decorative need. They are woven entirely of double- and triple-ply threads so they will wear and launder beautifully. All have perfectly tailored, matched hems and are ready-to-hang.

Send for Lurelle Guild's book, today, and learn how easy it is to decorate this inexpensive way. Only 10 cents, to cover mailing costs.

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"THE NET OF THEM ALL"

*Reg. U. S. Pat. Off.

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Pa. Enclose 10 cents for
my copy of "The Inexpensive
Way To Decorate," fully illustrated.

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Street _____

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Decorating With Bookshelves

By Margaret White

Hedrich-Blessing



Original and interesting way of filling difficult space between windows

ARE those books of yours getting out of hand? And are charming bits of glass, pottery, or dainty figurines sulking in the cupboard for lack of open shelves to house them? Then instead of investing in another to-be-dusted-under bookcase, or a whatnot to lend jitters to the smooth lines of your walls, why not a spot of adventuring in built-ins?

It's astonishing the way a simple remodeling job can turn a tiresome room into a place deliciously spiced with originality and interest. Alcoved shelves bright with books, window seats with your pet volumes at finger-tip reach, even doors and windows framed with gay jackets—they're yours for the making!



An alcove in any room can readily become a library and interesting little nook with book-lined shelves

Richard Averill Smith



Bookshelves, with their bright bindings, can fill your darkest room corners, bringing color into them

Bookshelves built up and across the end of a room will make a very interesting wall arrangement

Samuel H. Gottscho



Charming rooms begin on the floor, the easy Bigelow way

Let the girl in our picture show you how to go about it! She asked for her free copy of "Color Clues to Home Beauty", which gave her a lot of good ideas on colors and room schemes.

Then, from 10 smart Bigelow Basic Colors in rugs and carpets, she chose four, any one of which will harmonize with her drapery and upholstery fabrics.

That's the easy Bigelow way! . . . smart patterns in colors that have been pre-harmonized with the popular colors in other homefurnishings . . . Axminster, Velvet and Wilton weaves in a wide range of prices to fit every budget. Choose *your* Bigelow rug today at your favorite department or furniture store!

BIGELOW BASIC COLORS

TURQUOISE	RED
GREEN	ROSE
BLUE	PEACH
BROWN	TAUPE
BURGUNDY	BEIGE

These basic color groups include many tones and shades in solid colors, two-tones and figured rugs and carpets.

RUGS & CARPETS BY



BIGELOW WEAVERS

FREE! Ask for "Color Clues" at any department or furniture store that features the Bigelow label. Or write to Bigelow Weavers, Dept. 34 B, 140 Madison Ave., New York, N. Y.



Now!

END WALLPAPER GUESSWORK

WILL IT WASH?
WILL IT FADE?
HOW WILL IT LOOK ON THE WALL?
IS IT STYLED RIGHT?



This Seal is Your Guarantee of
BEAUTY and SATISFACTION

NOW you can forget doubts and questions in selecting wallpaper. At last you can buy with absolute certainty of getting all the colorful beauty you hoped for.

When buying wallpaper, simply look on the back of the sheet in the wallpaper sample book for the UNITIZED seal shown at right! Every pattern bearing this seal has been created by the world's leading wallpaper artists, produced by improved methods, wall-tested, style-tested and laboratory-tested by experts, and backed by the UNITIZED written guarantee of complete satisfaction!

Every pattern carrying this UNITIZED seal is absolutely guaranteed to hang right—to be correct in style and pattern—to meet special standards for sunfastness—and to be genuinely washable if marked "Washable!"

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3530 W. Fillmore St., Chicago, Ill.
Please send copy of "Style & Charm", for which I enclose 10c.
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MAIL COUPON now for your copy of "Style & Charm"—a new, colorful, well-illustrated 24-page book crammed with simple, practical facts and suggestions to help you plan beautiful rooms at little expense. Include 10c (stamp) to cover handling and mailing.

Here's an Idea!

REG. U. S. PAT. OFF.

By Ethel MacDonald

Illustrations by Walter Young

AN embarrassing number of doors in your living-room, dining-room, or bedroom? Think nothing of it! Camouflage the one not needed by skillful use of Venetian blinds, curtains, and vines. One bright lady we know covered her useless door with a cream-colored blind and swung rich blue draperies at the sides, treating the opening just as she did her windows. A white wire pot-holder stood guard before the door, the lower two of its shelves holding foliage or flowering plants, the top one bearing a pot of luxuriant ivy which wound its pleasing way up the blind to the top, then twined about the curtain rod for security.



Camouflage that "extra" doorway with vines, blinds, and draperies

Are you a "loot" collector on your trips at home or abroad? Do you sail into port with a bagful of maps and menus, stickers and snapshots? Then here's a thought if you weary of carting them out for fascinated guests. Round up an old



If you're a "loot" collector, decorate a screen

screen, or enlist the one that shields the porch door thru the winter. Paste on your loot at any odd angle, using a good paste and covering both sides of the screen. Shellac over the whole thing—then sit back and enjoy your journeys in comfort.

Bare French doors can be rather bleak affairs if your garden has gone to bed for the winter or if someone's not-too-attractive back yard is the vista. So why not block out the view, for part of the year at least, with wallpaper? Study your room thoughtfully, then seek out a paper that flatters it subtly without being startlingly eye-taking. Cut strips to fit the glass, taking care to balance the patterns if they're distinctive. Paste them onto the glass, then cover with clear shellac. If the doors divide two rooms, then you can develop the other side to tie in with that room's color scheme.

Perhaps you've a room suffering

from a malformed wall—one with a jut or niche that's there for no apparent reason and which just doesn't lend itself to any kind of treatment. Why not fill the space with built-in shelves? You can't have too many, and they'll vastly improve the appearance of the wall. If they're too shallow for books, use them for decorative accessories to add sparkle and interest to your room. Or if this



To be looked at, not thru—wallpaper for your French door

break in the wall happens near a corner of the room, try this: Buy or have built a corner cabinet in which you can put books, bric-a-brac, or china. It will hide the bothersome niche. By putting the two lower shelves behind doors you'll even get extra storage space out of the deal. Match the moulding on the cabinet to that of the room, and presto—it looks like part of the room itself!

Tapestries and fine old shawls can be ruined sadly if wrongly hung. If they're heavy or fragile give them a top support to relieve their weight. A strong wooden pole or brass rod hung from the ceiling moulding is the answer—or plaster hooks. They'll need moral support from below, too. Offer them some sort of base for balance. A chest of drawers, a table, or a couch centered underneath invests them with a real sense of security.

Fads may be fun—but don't clutter your home with them. Rather save the dimes till they're dollars, then invest in something you and your children can always treasure—such as a good piece of furniture.



Now built-in shelves fill the niche in that malformed wall

CRYSTAL SETS THE STYLE NOTE for your table. Your crystal should be the same fine quality as your best silver, linen and china. *Marlouee*, graceful, with a luminous brilliance that reflects dancing lights like fireflies at dusk, and has a silvery-bell-like ring. Dramatic deeply chiseled design, even the hand-cut stem glitters with flashing fire.

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FOR FULL DETAILS SEE PAGE 88.

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Light for the Lazy

[Begins on page 54]

so tiring to the eyes. But it seldom supplies enough light for close work at any distance from the lamp.

Use a low lamp by a low lounge chair and a tall lamp on a large table. Not only are the proportions more in keeping, but better lighting results. Placed according to these simple rules in carefully planned groupings, floor and table lamps will add greatly to the harmony and balance of a room arrangement.

If your family has habits that present unusual lighting problems, it's usually wiser to meet the problem than to try to break the habit. If someone insists upon reading in bed, place a good lamp at the head of his bed and let him read in comfort and safety. If your high-schooler shoves table lamps off his desk and knocks over floor lamps, try a wall or pin-it-up lamp by the desk. It supplies good study light. And if you yourself lean toward the breakfast nook for doing dabs of sewing while the potatoes cook, tack up a similar lamp for just such moments. Soon the whole family will be invading your work spot.

NO ONE objects to good light. But many of us rebel if, to secure it, we have to sit in an uncomfortable position, rearrange the furniture, or move from our chosen spot on the sofa. But with a good lamp within arm's reach of each favorite haunt, spare moments become the hours of delicious relaxation they should be.

To Bored Wives

[Continued from page 45]

canvass to "get out the vote," up with your hand, Janice. The old war horses in the struggle will all but die with amazement and all but smother you with gratitude.

And then there are various avenues of civic uplift: the Civic Music Association, the Women's Club, the Adult Forum Movement, et cetera.

And, last, our Janice needs to think about playtime. It will be too easy for Jack and her, now they're together, to forget that tennis is still fun, and that a Sunday on the river in a canoe is a better pick-up for an office-working husband than lolling around all day in the delectable new house. If they're to swing into the 40's minus a masculine spare tire or a feminine middle-age spread, now is the time for them to set up the habit of regular outdoor exercise.

IN THE making of friends, Janice and Jack as a married couple enjoy much greater freedom than before. No one can accuse Janice of running after a man. Jack is insulated from the danger of getting in too deep with some marauding female. I would have them employ that freedom with discrimination and imagination. The bridge-playing, Saturday-night-drinking, and noisy young crowd so easy for an unattached young couple to drift into, may be all right in its time and place, but it

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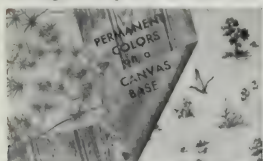
● Jim and I got down to brass tacks about decorating three years ago. "Must protect against costly plaster cracks," said he. "Must be lovely to look at and live with," said I. So it was easy to agree on Wall-Tex.



Well do I remember Jim's point about plaster cracks. "They're unsightly, forever need repairing and cause too much redecorating expense," said he. "Wall-Tex has a durable canvas base and that's what has put an end to the plaster crack nuisance."



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To Bored Wives

[Continued from preceding page]

isn't the best anytime and is pretty terrible for an exclusive diet. The battered old chap who clerks at the bookstore is in himself a whole novel of groping frustration and hard-won, philosophic poise. The fragile little lady, who ran over with a bowl of hot vegetable soup for their first dinner at home, proves to be a master pupil of Leschitzky.

For the long evenings, with a whole lifetime ahead in which to learn each other—talk is good, and talk between married people is a far different thing from boy and girl chatter. The interplay of sex needn't color every interchange because, thank heaven, the street car has been caught. This releases a whole flock of inhibitions, and for a girl to explore the honest reaches of her husband's good mind is a revelation.

AS FOR hobbies—it behooves Janice to help Jack ride his hobby horse full tilt with all his might and main. More and more she will recognize how heavy is the burden of support resting on her husband's shoulders. Whether he shall take up serious reading or civic betterment in his leisure time is rather beside the point. That leisure is rare at best, so it must be spent in real recreation, and she should see that he gets it.

Long ago I read Arnold Bennett's "How to Live on 24 Hours a Day." To follow the call to action as outlined in the slim little volume would bring a normally constituted person to an untimely grave from sheer exhaustion. We all are like the old darky and need ample time to "jes' set an' think, an' sometimes to jes' set." But one unescapable truth has stayed with me from the book: the wonderful treasure that is every man's, to be done with as he will, in his portion of 24 hours in every day.

TO BE BORED into despondency, to mope in physical and mental laziness, is exactly like throwing away irreplaceable crown jewels into a bottomless sea. Time and the world are fascinating challenges, and Janice, my girl, it's up to you to meet the challenge.

Bloomers on the Shady Side—Fuchsia

[Begins on page 26]

Also they prefer an acid soil and are one of the few plants that really will bloom in the shade. They prefer partial shade but will flourish in sunnier locations if you take care to mulch their roots or provide a ground-cover for conserving the moisture. They like plenty of water, tho the older bushes can be neglected in this respect with greater impunity than those with less root establishment. When watering, be sure to spray the leaves, as fuchsias are thirsty above as well as below the ground. Also, syringing the leaves will keep down the pests. If a sudden cold spell should kill down the tops, don't be



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too hasty about removing the plant; often it'll send up new growth and be more beautiful than ever even before summer arrives.

Want New Plants? The smallest fragments of fuchsias have been known to take root and grow, but for sure success if you want new plants, start a two-joint cutting in a three-inch pot, using the proper potting soil, and never permitting the tiny plant to dry out. A mixture of $\frac{1}{2}$ sand, $\frac{1}{2}$ loam, and $\frac{1}{2}$ peatmoss, thoroughly mixed and stored for at least 30 days, is recommended. As soon as the cutting has rooted, shift to the next size pot. Always shift the young plants before they have a chance to become root-bound. To obtain the bush form which is so desirable for good plants, pinch out the tips occasionally. The young cuttings will put on a burst of speed as soon as the days begin to lengthen and may receive the final shift to the open ground when danger of frost is over.

Feeding: Fuchsias have a hearty appetite. A good dressing in May of complete plant food, $\frac{1}{2}$ cupful for large plants, less for smaller ones, will start them onward and upward. Follow this at intervals with deep draughts of nitrogen-rich plant foods. Follow this up in July with a second feeding, then taper off both watering and feeding at the end of autumn so that they may have a period of partial rest during the winter season.

Pruning: Pruning fuchsias isn't an arduous task. Branches are brittle and easy to cut, and they need merely a certain shaping to fit the needs of their position in the garden, always being sure to prune before winter has set in so that the wounds may be sealed before danger of frost. Certain types are listed in the catalogs as taller-growing, and these bushes can be alternated with the shorter ones so that the small garden may be packed to fuller capacity. Then trim away the taller at the base, and allow the shorter forms to bush up and fill in the space between.

Where to Use Them: The very tallest fuchsias may be grown against the house and supported with loops of leather or rubber tubing. Trellises and pergolas are also suitable for the tall forms, and even the low-growing fuchsias have achieved great height and showiness by lending them such support. One thus trained, and a never-to-be-forgotten sight, was Mrs. Rundle, a salmon fuchsia, on a blue pergola, in combination with a lavender wisteria. Due to their brittle stems and drooping flowers, fuchsias are better staked. Even the sturdiest, Gracilis and Riccartoni, are not to be recommended as hedges. Tho we no longer have the menace of wandering cows, we do have small boys and dogs of all-sizes, and these would make short work of the arching branches of even the huskiest fuchsias.

Glamorous is the word for a hanging basket of fuchsias. Using a galvanized basket to prevent drying out, and a rich soil mixture, plant several rooted slips of the trailing sorts. Pinch out the tips as soon as the plants are happily settled and feed every six weeks with some commer-

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cial plant food sprinkled on the surface. Place well out of the wind; fuchsias dislike wind even more than most plants. If your hanging specimens get stringy, give them what is known to the barber's trade as a shingle, that is, pinch out a twig here and there right back to the very rim of the basket, being careful always to cut just below a dormant (resting) eye. Then each of these trimmed places will produce a fork which in turn may be pinched back until in time you will have a cascade of unbroken bloom. Be sure to syringe the leaves often, and soon you will be dreaming nightly of that lovely thing swaying in its terra cotta cradle, its blossoms burning in the cold moonlight.

Spraying: They may be treated with the rest of the garden when winter spraying is being carried out, but in summer a well-fed fuchsia is seldom attacked by other than an occasional small colony of green aphids. Then infested branches may be snapped off and burned at once.

Fourteen Famed Fuchsias

Rolla: slightly double, sepals pale pink, corolla white with pinked edges, medium height. With many fuchsia-lovers this is first choice.

Pink Ballet Girl (Nonpareil): a fuchsia beyond compare. Tall-growing, double blue-pink corolla, buds white opening to shell pink. Free flowering.

Jules Daloges: tall-growing, very double corolla, rich violet tinted red, reflexed scarlet sepals.

Juliette Adams: tall, with white- and red-streaked flowers and scarlet sepals. Bears quantities of perfect flowers.

Corymbiflora Alba: an exotic beauty, needs more sun than other types, is tall-growing, has clusters of long thin white tubes and sepals and short, deep red corolla.

Autumnale: for a garden receiving half a day's sun. Gives a glory of highly colored bronze and flushed orange leaves tipped with scarlet. Flowers are red and purple.

Coccinea Florean: more Oriental than a Japanese print. Bears long violet petals shaded carmine at base with long-pointed scarlet sepals. Free flowering.

Pink Pearl: different, almost self-colored with masses of clear, double, pink corollas and light pink sepals.

Pride of Exeter: very tall, semi-double, creating a burning pyre with its multitude of large flowers, deep rose petals, and slightly paler calyx.

AND for the hanging basket there are *Marinka*, a wide-open brilliant red single; *Balkon*, very pale pink, seeming about to expire with its fragility but just as hardy as the rest of the family; *Baby Bunting*, pale pink and pale blue and as sweet as its name; *Molesworth*, showy and sturdy with its fat red-and-white flowers; and *Bella Forbes*, bearing long sprays of creamy white and bright cerise flowers.

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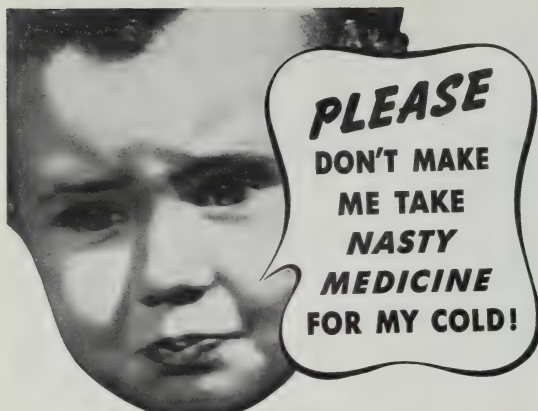
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THE author, long an exponent of city-beautification, originally titled his manuscript "Campaigning for the Heritage of Eden," and you'll understand why after you've read it. The "little city" pictured in this article is several cities. It's a composite picture of the crusade which has actually taken place in many of the nation's communities. Among those cities in which campaigns have been sponsored are Muskogee, Okla.; Topeka, Kans.; El Paso, Texas; Elmira, N. Y.; Tulsa, Okla.; Jefferson City, Mo.; Portland, Oregon; Greeley, Colo.; Salt Lake City, Utah; Greenville, Pa.; Daytona Beach, Fla.; and Talladega, Ala., (all award-winners in *Better Homes & Gardens' More Beautiful America* Contest).

Does your city make a good impression on visitors? Does its appearance make you proud you live there?

Improvement can come thru collective beautification of individual home grounds thruout the city, thru creation of parks and parkways and transformation of eyesore spots into beauty spots, or thru both.

If you'd like to enhance the beauty—and, concurrently, the property values—in your own community, perhaps you'll find help and inspiration in this article.—Editor.

By George M. Sheets

"WE CAME to this town because we heard it was the Garden of Eden. We bought a house on Arbor Avenue and are reveling in the garden and flowers."

Thus did a recent settler in a beautiful and rapidly growing little city explain to the editor of the local newspaper why he had established his family home in this—just one among many inviting communities.

To him, the man confessed, a home meant something more than a little bungalow of slate-gray shingles. It meant the spreading boughs of an elm tree throwing a protecting shade over his roof. It meant dark pillars of evergreen and graceful flowering shrubs enfaming the gray shingles as if the house had sprouted up out of the ground one moonlit night.

A HOME meant also green turf unrolling like an enchanted carpet to ease his feet whenever he stepped outdoors. It carried the promise of snowflakes and crocus in the early spring, the refreshing fragrance of Persian lilacs as the growing season unfolded, the reassurance of the first sturdy iris that Hard Winter had gone scampering, the smiling friendliness of California-poppies

and painted daisies, the exuberant welcome of purple petunias and glowing dahlias, and all the other little landscape painters that lift up their cheerful faces to greet the kindly sun.

But this city, now boasting such beauty, hadn't just tumbled into its heritage of Eden.

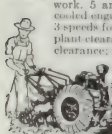
IT HAD, for years, been no more attractive than hundreds of other American cities. Like them, it had made its bid for a place in the hearts of men and women with its array of factory chimneys, the attractive counters of its smart shops, the many stories of its office buildings, and the safety of lined bank vaults.

A screened-in porch was the nearest approach to the embrace of Nature. And a residential lot, to most home-owners, was sufficiently large if the drip of one's eaves did not fall on a neighbor's land. Flowers could be observed in the park conservatories from 9 a. m. to 5 p. m. And if they weren't enough, there were the florists' windows.

What meant flowers in the daily life of the average family, anyhow, except something [Turn to page 90]



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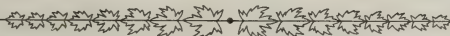
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FALSE TEETH

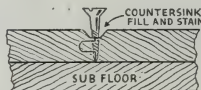
KLUTCH holds them tighter. KLUTCH forms a comfort cushion; holds dent plates so much firmer and snugger that one can eat and talk with greater comfort and security. In many cases almost as well as with natural teeth. Klutch lessens the constant fear of a dropping, rocking, chafing plate 25¢ and 50¢ at drugists. . . If your druggist hasn't it, *don't waste money on substitutes*, but send us 10¢ and we will mail you a generous trial box. © E. P. INC. KLUTCH CO., Box 2729-C, ELMIRA, N. Y.

FOR THE Handy Man

Three kinks, and two items
easy to make

Eliminating Floor Squeak

Often a squeak in a floor board can be eliminated by inserting a screw in the narrow slit which separates the two boards—as illustrated. Frequently the squeaking is the re-

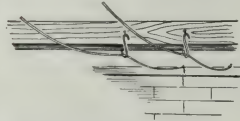


sult of the failure of one or two boards to rest squarely on a solid foundation, and this method of inserting a screw tightly between the planks serves to steady them. The screw can be forced down flush with the floor, and is not at all noticeable. —C. C. Butler.

Two Clothesline Kinks for the Basement

Take the sag out of droopy clotheslines these easy ways.

1. Where a ceiling cross beam can be used for "sky hook" supports, it's simple (after line is strung up) to



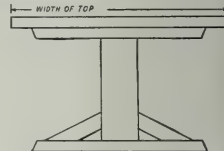
bend as many S-hooks of wire, 6 to 8 inches long, as needed for crossing lines. Drive a nail directly above the spot where each line passes under the beam, so that when the hook is slipped over the nail and under the rope, the line is held tightly. After

the nails are finally in position, it's no stunt at all to remove or replace hooks with subsequent hangings. You may prefer to make loops instead of S-tops for hanging on the nail.

2. An ordinary pulley at one (or each) end of the clothesline is another simple method of making it easy to loosen the line for hanging clothes and tightening the line afterward. Fasten a small bracket to wall below pulley around which to wrap loose end of cord.

Either method means that you can loosen the line to bring it down for easy access on the hanging operation, and still have it up out of the way at other times.—Ormal I. Sprungman.

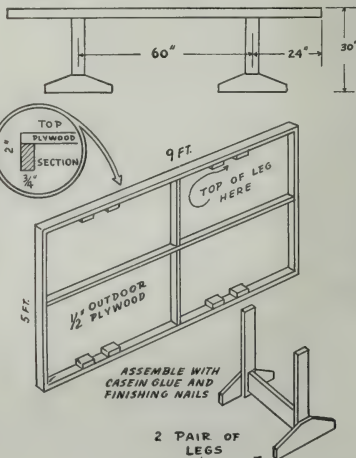
New Table From Old



You can convert that discarded library table to a substantial break-fast-nook table. On one side, leg-assembly is left intact, fastened lengthwise to the table top. The wood from the other legs is cut to make braces for the legs of the new table. If there was a magazine rack under the old table, it will provide wood to go flat on the floor under the legs. The size and pitch of the braces can be varied to insure stability.—Dr. D. K. Manceley.

Tennis Table—By Hi Sibley

CAN BE LIFTED OFF LEGS AND STORED



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IN YOUR NEW HOME



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The Man Next Door

[Begins on page 72]

There's a nasty story going around the bridge tables that whenever the clever hostess on the corner gives a recipe to a friend she always omits at least one ingredient.

This is a wondrous republic. The richest lady on our street has a phone, sunlamp, radio, and magazine rack in her bathroom, and her mother used to keep jars of preserves in their tub.

A modern young man is one who can turn a corner at 40 miles an hour while lighting a cigarette, listening to his auto radio, and watching the mail plane passing overhead, without taking his hand from around his girl's waist.

We ran off a few reels of home movies the other evening, and I told the b. u. she certainly passed up a Hollywood career to marry me. She just looked at me thoughtfully.

Our neighborhood never gets half as excited about any other athletic event as it does about a high-school basketball game. And how we feel our age when out on the floor we see those young heroes who only yesterday were wearing rompers and riding tricycles!

Even the lawyer's son next door, who never had much flair for sports, is going steady with the captain of the girls' basketball team.

What's become of the rugged Americans who opened their bedroom windows halfway up in coldest winter? I took an early walk the other frosty morning, and there wasn't one open more than four inches.

Some of my more precocious high-school classmates have daughters at Vassar, and here I am with the gentle swish of diapers still audible around the house!

They married early and sent daughters to Vassar who will marry late and maybe have seven-tenths of a baby apiece.

Some of those fancy new baby carriages are so heavy that it would take a six-foot farm girl or a 2-h. p. motor to push them up the hill to the in-laws.

—HARLAN MILLER

COLONIAL SIDING of Distinguished Beauty



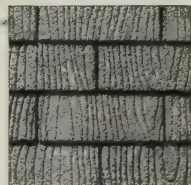
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The sidewalls of your home can have the charm of cypress at a surprisingly low cost. Shingle beauty of "wood grain" texture requiring no paint or stain—beauty that is water-repellent, time-defying—beauty styled in rotproof, fireproof asbestos-cement.

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Mountain and Forest Homes

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But next month, too, we show you some other lovely new homes—and take you to visit several remodeled ones... lots of ideas for builders and remodelers in these as well as other features.

Little Gardeners

[Begins on page 58]

than flowers. In that case give him vegetables. In appropriate hands a head of cabbage becomes just as wonderful an object as a show dahlia. If the child must be coaxed to eat vegetables, here's a fine opportunity to break down prejudices.

IT TAKES much patient direction to bring a children's garden into bloom. We always found our youngsters eager enough to tend their plants but enthusiasm sometimes ran riot and the flowers came out along with the weeds.

To preserve the mulch and still allow easy access to the plants, we laid out the garden in rock-bordered beds. Then we made a rule that the children should never step into them.

We found, too, that interest could be heightened by including a few cheap gladioli among the faster-growing plants. And an old tub set into the ground and edged around with annual pinks made a pool for some fast-multiplying water-hyacinths. Once we spaded the bed for the children right beside a stand of cornflowers and let them watch a generation of the pretty blue flowers go to seed and start themselves over again in the fall. We carried some fall-started pansies over one winter and watched them bloom thru the snow the next spring.

Our gardening adventures might have been excuses for long lectures on the wonders of Nature and the complexities of botany, but they were nothing of the sort. We raised flowers and vegetables because it was fun to raise them, a game against weeds and drouth.

The educational features take care of themselves. Questions pour in faster than we can answer them.

ONE DAY after I had attempted to answer some especially puzzling questions Taddy had been firing at me, he looked up and said, "Daddy, where did you learn all that?"

"Why, I have taken care of gardens before, and read books about plants," I answered. "But what will I do when I tell you all I know?"

"Well," he said soberly, "I spect you better keep tending gardens and read some more books."

Which I guess was a good answer.

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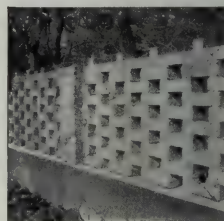
WRITE FOR
MONEY-SAVING BOOKLETS

BUILDING SHORTS

By Ethel B. Power



House-Garage Connection Here is a good way to connect a one-car garage to a small story-and-a-half Cape Cod house when the garage can be entered from the end. The small porch makes the garage inconspicuous; furthermore, it makes the garage ell large enough to have a pleasing relationship to the house. The porch is inclosed at the end; the garage door slides across the wall.



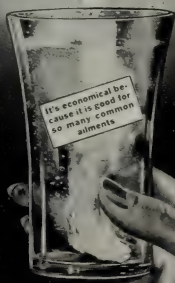
Brick Garden Wall Here's a way to make a wall that is only one brick thick and that will only partially cut off view and air. It's therefore particularly good to mark parts of a garden. It has, it should be noted, a solid concrete foundation and posts which recur about every fifteen feet.



Glass-Roofed Terrace (Also see glass porch, page 69) If you want to roof over a terrace and yet don't want to darken rooms that may open from it, the suggestion seen here—using glass for this purpose—is well worth considering. It could well be used to protect a small dining corner. The iron frame is appropriately used with the glass, since it, too, obstructs a minimum of light and is excellent support for the beautiful old wisteria that climbs about it.

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Living-Porch In early Colonial houses there were no screened-in living-porches. Therefore the problem of adding one to an old or a new house is difficult. By making one side of this porch solid, except for window and door which repeat details of the house, it appears to be an original ell, especially since its roof slope is the same as that of the house as built in the days gone by.

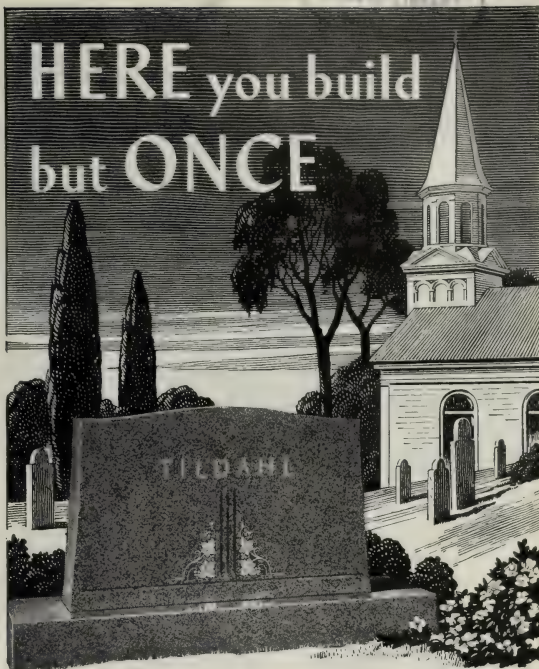


Toolhouse One should be a part of every garden. It need be only a simple structure like this one, which is a converted garage shed. An annual coat of whitewash, bright paint, and large doors opening in two sides make it so light and gay that it can be used as an outdoor dining room when the garden is too hot. But its main use is to store garden tools, flower pots, vases, baskets.



Garden Benches These two are in the gardens of the Governor's Palace at Williamsburg, Virginia. If you have been to Williamsburg you'll remember how well these seats fit into this garden. They look entirely as if they "belonged," an accomplishment that is the mark of good design. They are right in character and right in scale for the very formal garden that this is. More than that, they are comfortable, a quality achieved by the fact that the seats are low—17 inches from the ground—and not too deep—18 inches. Note that they're set in a hedge which is cut to form a bay just large enough to accommodate them.

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Tree-planting in 8

1

A well-grown tree from the nursery has been transplanted frequently. This has caused many new rootlets to grow from the cut ends of the larger roots. When dug the tree has thousands of fibrous roots which absorb water and food. These fibers mustn't be allowed to dry out before planting.



2

A generous planting hole is dug for the roots. A tree of the size shown, depending on the number of roots, should have a hole 2 feet deep and 4 or 5 feet across so that we may have the opportunity to improve the soil around the tree as thoroughly as possible at planting.



3

The soil has been spread on a piece of burlap and should be thoroughly broken up with a shovel and mixed with several handfuls of a complete, balanced food as well as leaf-mold or peatmoss. The tree should be set only a little deeper than it was in the nursery row, shallower if set in clay soil.



4

Shovel in a little soil at a time, then pack the soil thoroughly around the roots, for the tree obtains its food and water from the solution around the countless particles of the soil.



Quick Lessons

By Homer L. Jacobs



5

Water the hole before filling in all the soil. This settles the earth more firmly around each little root fiber. Fill in the soil gradually and tramp it with the feet or tamper.



6

A mulch of peatmoss will protect the root area from drying, and tree should be pruned because we must balance loss of the roots with an abbreviation of the top of the tree. The little black dashes show where the branches should be pruned so that the top may develop symmetry, and to avoid V-shaped forks and branches which compete with each other.



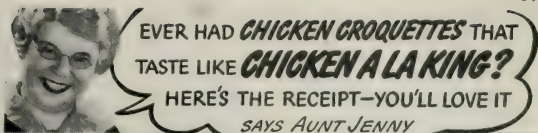
7

One can hardly prune a tree before it's set, for only when we see it in place are we conscious of shape. Hand pruning shears are advised. All cuts should be close to parent branch to encourage wound-healing and avoid decayed stubs.



8

A properly pruned tree will of course not appear as well the first year as it did before it was transplanted. Nevertheless, in several years' time, as shown here, the tree will thicken its branches and improve year by year when given a little extra care, feeding, and some watering occasionally.



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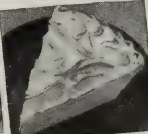
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NO UNPLEASANT
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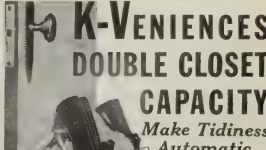


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KNAP & VOGT MFG. CO.
Dept. B-3, GRAND RAPIDS, MICHIGAN

"IF I WERE BUYING
A NEW HOME FOR
MYSELF, I WOULD ASK
FIVE IMPORTANT
QUESTIONS ABOUT
THE INSULATION"



says Mr. J. C. McCarthy, well-known
building contractor of Trenton, N. J.

"I'VE BEEN in construction all my life. I think I know something about building—and insulating—a house. Enough so that I certainly wouldn't accept the builder's mere statement, 'Yes, this house is insulated.' I'd want to know five specific things about the insulation.

"First, how thick is it? Second, is it the batt-type insulation? Third, is it fireproof? Fourth, who is the manufacturer? And fifth, are the walls of the house insulated as well as the attic?

"I know these five points are vitally important. That's why I like J-M's 'Ful-Thik' Super-Felt Batt. It is fireproof, has full wall thickness, is factory built to uniform density and



J-M Super-Felt Rock Wool is the batt-type of insulation, easily installed... withstands rough handling... has moistureproof backing. Permanent, fireproof. Makes homes up to 15° cooler in hottest weather... cuts fuel bill up to 30%.

thickness, insuring greater insulating efficiency. This means full comfort on hot summer nights or bitter winter days—fuel savings up to 30%.

"J-M Super-Felt, the Improved Rock Wool, is the batt-type, which, per dollar invested, represents the maximum in insulation. It not only pays for itself, but soon begins to put money back in the home owner's pocket."

So if you're planning to build a new home, don't just insulate—fully insulate. Specify J-M Super-Felt Batt-Type Insulation. And if you're considering a new home ready-built, investigate the insulation before you buy. Insist upon Johns-Manville.

Mail this coupon
TODAY!

JOHNS-MANVILLE,
Dept. BHG-3,
22 East 40th Street
New York, N. Y.

I am planning to build. Please send me your Home Insulation brochure which tells the complete story of J-M Super-Felt—the Improved Rock Wool Home Insulation.

Name _____

Address _____

City _____

State _____



JOHNS-MANVILLE HOME INSULATION

(See advertisement on page 10 in this magazine for information on J-M Rock Wool insulation for existing homes.)

Your City Can Do It, Too

[Begins on page 82]

to send to a sick friend? Or to the funeral of a departed citizen?

Came the City Beautiful Campaign—one of those spontaneous modern movements which may be our heritage from the Medieval Crusades, dormant in the blood of the people these many centuries!

The Crusade for Beauty in this particular town was given the same organized, efficient, modern assistance which new-born babes receive in the best hospitals.

It was heralded in a proclamation by the mayor, recommended for adoption by the board of health, and warmly embraced by householders who had tired of the uninviting prospect of cinders, bare dirt, and that husk of the modern meal, the tin can.

The press gave it whole-hearted support. Eight-column streamers on the front page announced the program!

WITH such support, the City Beautiful Campaign became almost overnight a city-wide affair.

Public-spirited merchants, sensing an opportunity to help a good cause along and secure some favorable mention for themselves at the same time, announced generous prizes. Before long the prize list included scores of useful items—ball-bearing lawnmowers, Dutch bulbs by the dozen, fine specimens of nursery stock, rolls of garden hose, sacks of plant food, flag walks, a radio in flaming Chinese red, a fine cash purse from the water company, goodly deposits in bank savings, sacks of flour, theater tickets, and even permanent waves.

THE crusade became a spirited contest. Neighbor was arrayed against neighbor; streets and sections of the city vied with each other.

All families in the city were invited to join and enhance the beauty of their yards and gardens. Even if they didn't win a prize, each family enlisting in the crusade would gain; for their yard-improvement activities would also enhance the value of their property, it was pointed out.

This thought developed into definite form in the slogan: "You Win If You Lose." The paradox caught public fancy.

A MEN'S civic organization took the promotion lead. An active leader of this group, one known not to shirk responsibility and who could be depended on to follow thru on whatever he began, was selected as general chairman of the contest.

He named five assistants, each for specific duties. One, for instance, was to attend to publicity—supply the newspapers, radio stations, and various organizations with facts of the latest developments and with contest announcements, place colored posters in store windows, street cars, and other public places, and supply the motion-picture theaters with promotion slides.

The second committee member

Now HEAT Basement Rumpus Rooms Quickly



This FIREPLACE warms every corner

Build a Heatilator Fireplace and enjoy wider use of your basement recreation room. For the Heatilator Fireplace is more than just a fireplace. It actually circulates heat—warms every corner of the room both quickly and thoroughly. Architects and heating engineers will tell you it is the ideal way to solve the heating problem in basement rooms.



Cuts Home Heating Costs

A Heatilator Fireplace in the living room warms even adjoining rooms. Thousands of home owners say it takes the place of wasteful furnace fires on spring and fall days—saves dollars in heating costs.



Camps Usable Weeks Longer

Heat circulated from a Heatilator Fireplace is enabling many owners to use their camps earlier in spring, later in fall—or for week-ends of winter sports.

Will Not SMOKE

Concealed inside the masonry, the Heatilator is a double-walled, steel form around which any style fireplace can be correctly built. It eliminates faults of design that cause smoking. Simplifies construction, saves material. Adds but little to fireplace cost. Send for illustrated fireplace folder today.

HEATILATOR COMPANY
423 E. Brighton Ave.
Syracuse, New York.

Please rush illustrated folder containing complete Heatilator information.

Name _____

Street _____

P. O. _____ State _____

HEATILATOR
Fireplace

was given charge of entries. Cards were distributed thru the schools, each pupil being given one to take home for the parents to sign and return. The school returning the largest number of signed cards was to receive a large painting for the school's assembly room.

Entry cards were also inclosed with bread deliveries on a certain day. Newspapers carried coupon entry blanks for clipping.

But the most successful move was a whirlwind house-to-house canvass by volunteer workers.

The third committee member secured prizes and arranged for their distribution at a public meeting. This member also engaged the principal speaker for the big meeting.

SEVERAL of the leading stores displayed their Yard & Garden Contest prizes in specially dressed windows, and these helped, of course, to spot attention on the garden supplies for sale.

Enlisting the group of volunteer judges, arranging for the series of personal inspections which each judging team made, and determining on the score card and rules by which winners were selected, fell to the fourth committee member.

The fifth committeeman was selected for his intimate knowledge of home-grounds beautification. He was commissioned to supply technically correct planting information to contestants, and to answer all questions about landscaping problems.

The general chairman looked after necessary financing, settled questions which committee chiefs referred to him, enlisted the co-operation of other civic organizations, and kept in close touch with all campaign workers. He made sure they were thoroughly informed on their duties and kept them on schedule. In any big campaign appealing to the entire community, success depends a great deal upon one individual who's not only an excellent co-ordinator but an inspirational leader as well.

PUBLICITY presented few problems. The men in the news rooms continually presented interesting features. They secured the consent of the mayor to plant a tree in his back yard and become Entry No. 1 in the contest. A press photo of His Honor, in shirt sleeves, tossing the last spadeful of earth naturally made the front page!

The oldest entrant, 96 years of age, who claimed that gardening kept him young, was material for another good story.

A one-armed woman who did all her own garden work, a day laborer who had developed a unique primitive garden in a ravine, and a pretty girl who gardened by moonlight were other attention-compelling stories.

ENTRANTS were divided into three classes: those who did all their own work, those who hired occasional manual labor, and those who employed expert skill.

Immediately after the closing date for entries, with one home out of every eight interested in the contest, the judging work commenced. Judges, recruited from among the city's best-known amateur gardeners, were provided with detailed score

Lots of fun at low cost on a week-in-the-west vacation



See... Cattle Ranches, Morrison Cave, Ghost Towns in the Montana Rockies... and Yellowstone Park

Come out to The Milwaukee Road's Galatin Gateway Inn for a vacation so different and delightful that you'll talk about it for years.

You enjoy real western entertainment. Meet real western people. Camp overnight near a mountain stream under Montana stars, pan gold in Alder Gulch, see relics of Vigilante days, explore newly discovered Morrison Cave, ride with cowboys on the range.

And you spend several days in Yellowstone Park—World's greatest Geysersland.

The electrified OLYMPIAN takes you there in luxury at lowest fares. Indian ceremonies and beautiful Montana Canyon enroute.

Send for free literature

Get more fun for less money. Stay a week or longer. Write today to

F. N. HICKS, Passenger Traffic Manager
Room 801, Union Station, Chicago, Ill.
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The MILWAUKEE ROAD

SUPERIOR FIREPLACE

CIRCULATES WARM AIR to all corners and adjoining rooms



A COMPLETE FORM (From hearth to flue)

AROUND WHICH IT IS EASY TO BUILD a new or remodel present fireplace—cut fuel bills and correct smoke troubles. Thousands in use in all climates. Write Dept. "B H" for complete information.

SUPERIOR FIREPLACE COMPANY
1046 S. Olive St., Los Angeles, Calif.

Burpee Vegetables

Have a Vegetable Garden! 4 PKTS. 10¢
You'll enjoy Burpee's Red Giant Tomatoes, Iceberg Lettuce, Goldfinger Carrots, Red Bell Peppers, garden fresh—save money, too. Special! All 4 lbs.—packets of seeds for 10¢—send dime today! Seed Catalog FREE.
W. Atlee Burpee Co., 453 Burpee Bldg., Philadelphia

cards. All attended a school of instruction held on an average home grounds. A graduate landscape gardener interpreted the score card. Then each judge scored the yard where the school was held.

JUDGING TEAMS were assigned separate territories with equal numbers of competing home grounds. For each garden there was a card, the cards arranged consecutively by street and number.

On the first visit, the judges inquired what plans for planting and beautification the entrant had in mind, and freely recommended changes or made progress suggestions. An initial grading was given, based on such factors (planned) as attractiveness, livability, maintenance, continuity of bloom, and permanency of planting.

On second inspection, particular note was made as to whether the entrant had carried out his improvement plans. The score cards were turned in at headquarters, and there the entrants' grades on the two inspections were averaged. Just before the close of the contest, a final board of judges went over the highest-ranking gardens and determined the winners.

THE editor of a national home-and-garden magazine was obtained as the speaker for the big public mass meeting at the climax of the campaign. Names of prizewinners were kept a profound secret until the final act on the program. This helped keep interest at fever heat until the last minute. So many people turned out, the "SRO" sign had to be hung out, yet the largest hall in town was utilized!

The hall was decorated in typical campaign style, with colored posters brightening the walls. Above the stage hung a huge banner shouting: "You Win If You Lose." On the stage was the huge array of prizes.

After the speaker had finished his eloquence and prize awards were announced (beginning at the last award and working up to the first prize), several of the prizewinners were called upon for short talks. Most of them asserted the campaign had proved a blessing because it had taught them the joys of gardening.

ALTHO the campaign came to a close with the distribution of prizes, its influence did not end there.

The municipal government felt the good influence, and streets, alleys, and other public places were kept cleaner than they had ever been.

An ordinance providing for city-wide tree planting was passed, and a city forester was appointed.

Several tracts of land along the city limits were purchased and were laid out in beautiful new parks.

New residential subdivisions were laid out with an eye to the landscape and its inherent possibilities for beautification.

The idea that the citizen should have beautiful surroundings, not merely to be looked at and admired but also to be used and enjoyed, had been accepted by the public mind.

* * * *

And so it was that Arbor Avenue, with its welcoming vista of green, drew the new citizen.

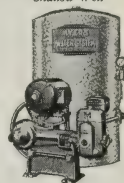
Satisfaction DELIVERED at the FAUCET...

with a **MYERS Water System!**



RUNNING WATER is delivered through FAUCETS—in kitchen, bathroom and laundry—at outside hose taps—in yard and out-buildings. And the final test of water system satisfaction is the rate of flow at those faucets. Whether you draw water from one faucet, or from several different locations at the same time—you can always depend on a good full stream from any faucet you open, when you have an adequate, precision-built MYERS Water System.

Automatic, Self-Oiling, Shallow Well



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Automatic, Self-Oiling, Deep Well



The famous old MYERS trademark assures you of both RELIABILITY and ADEQUATE CAPACITY. The high quality of MYERS Water Systems has been proved in thousands of homes. MYERS Electric Water Systems are completely automatic—self-starting, self-stopping, self-oiling. Other types for operation by gasoline engine, windmill or hand power. Deep and shallow well models to meet all needs. Interesting booklet free. Mail the coupon.

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"Pump Builders Since 1870"



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321 Fourth Street, Ashland, Ohio
Send free information on items checked and name of nearest dealer.

Water Systems (electric) ☐
Water Systems (gasoline) ☐
Power Pumps ☐

Hand Pumps ☐
Pump jacks ☐
Sump Pumps ☐
Centrifugal Pumps ☐
Hand Sprayers ☐
Power Sprayers ☐
Hay Unloading Tools ☐
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WS 408

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If you are moving soon, drop us a line and give us both your present and your new addresses. We don't want you to miss a single copy of your *Better Homes & Gardens* subscription.



BIRD HOUSES By Dodson

Designed by America's foremost bird authority—a model that will attract every desirable song bird. Quality built with exclusive features. Add charm to your garden. Befriend birds and they will rid your premises of harmful insects. One martin destroys 2,000 mosquitoes a day. Send for Free Catalog or 10¢ for 32-page book "Your Bird Friends and How to Win Them".

JOSEPH H. DODSON CO.
600 Harrison Ave., Kankakee, Ill.

How to Make Your Kitchen Smart and Sanitary



FREE BOOK to Help You Build or Remodel... is full of interesting, practical ideas on arrangement and kitchen furnishings. 23 kitchen photos plus 36 illustrations of cabinets and accessories show the real value and convenience of metal cabinets in the modern kitchen. Book also tells how to get free plan and estimate. St. Charles steel cabinets are of highest quality... quiet, substantial, smart, sanitary and beautiful... will not swell or shrink, warp or stick. If you own your home, or plan to build, you can have this book free.

MAIL COUPON TODAY

St. Charles Manufacturing Co., St. Charles, Illinois
Please send copy of new kitchen book BIF-2.

☐ I own my home

NAME _____

☐ I rent my home

ADDRESS _____

☐ I plan to remodel

CITY _____

☐ I plan to build

STATE _____

St. Charles Steel Kitchen Cabinets



★ FOR GRACIOUS ENTERTAINING

OLD COLONY Furniture creates a charming background for your entertaining. The simple, traditional beauty; the soft, mellow finish of Old Colony pieces will evoke sincere compliments and warm admiration from your guests. It's furniture you'll always enjoy and always be proud to own.

- Send 10 cents to Dept. B-3, Heywood-Wakefield, Gardner, Mass., for this helpful book on Old Colony Furniture.



HEYWOOD-WAKEFIELD

GARDNER, MASSACHUSETTS

FINE FURNITURE SINCE 1826

**The CHOICE of MORE THAN
2 MILLION WOMEN**

This great preference for Cadillac Vacuum Cleaners reflects their thorough dependability.

You will enjoy easier, faster, cleaning performance, too.

Ask Your Dealer to Show You Why

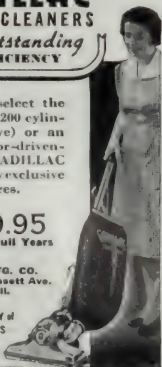
CADILLAC
VACUUM CLEANERS
ARE Outstanding
IN EFFICIENCY

Whether you select the popular Model 200 cylinder type (above) or an improved motor-driven brush model, CADILLAC offers many new exclusive cleaning features.

Priced From **\$29.95**
Guaranteed 2 Full Years.

CLEMENS MFG. CO.
6664 S. Narragansett Ave.
Chicago, Ill.

Write for FREE COPY of
"IT'S A WOMAN'S
BUSINESS" by
Helen Gruehling



Here's why you need
**A WATER
SOFTENER**

WOULD YOU BELIEVE IT?

- That you consume this much time every time you drink a gallon of average (20 grain-hard water)? Too much time is unhealthy.
- That 60 times this much time goes into your clothes each time you wash? This makes clothes gray, stiff, and they wear out faster.
- That 180 times this weight in soap is wasted by the time in the hard water used in a family washing before you can get a cleaning suds? This is wasteful.
- That time like this clogs your water pipes and wastes heat? This is costly.

RED JACKET WATER SOFTENERS PAY FOR THEMSELVES

The World's Most Complete Line of Water Softeners and Conditioners. Portable models as low as \$3.50. Permanent models \$69.00 and up. Also complete line hand, windmill pumps and water systems.

SEND FOR Free TESTING SERVICE

To RED JACKET MANUFACTURING CO., Dept. B1, Davenport, Iowa. Please send me information on Free Water Testing Service and Manual "How Soft Water Saves Money."

Name _____
Address _____
City & State _____

RED JACKET

They're Crazy

Up around a handful of Los Angeles hobbyists has grown a thriving club, with a cactus show that draws 10,000 people and exhibits so big they come in moving vans. Best of all, here's how you can become a collector yourself



↑ Youngsters come in all sizes, do all the work in the cactus garden. Best way to keep them working in garden is to change their job every half hour or oftener

✦ Club maestro is Don B. Skinner, here with a specimen of *Aloe vera*, the juice of which has been found helpful for radium burns



By John Van Dyke Manning

"MR. SKINNNNN-er, is this a weed?"

"Mr. SKINNNNN-er, am I doing this right?"

"Mr. SKINNNNN-er, are these the ones you want taken out?"

A violent bump from behind just about sat me down on a Barrel Cactus. A wheelbarrow whizzed by loaded with a few weeds and one very gleeful boy.

"Here, cut that out; outside if you want to play." It was Mr. Skinner, the man I was looking for.

Don B. Skinner is director of the Cactus and Succulent Garden at the Los Angeles Manchester Playground and of the Southwest Cactus Growers, that group of amateurs and professionals who created the garden under the sponsorship of the city's department of recreation. The garden is one of the finest public collections of cactus in the West.

But why all the kids?

"Oh, this is our junior group,"

said Skinner. "We meet here every Saturday. They do all the real work in the garden."

And they were working. Two little girls were collecting mesembryanthemum seed, stripping the dry seed-heads off into cans. Ten youngsters were replanting a bed—opening up good-sized holes, filling them with the light soil cactus need. Most of the rest, some 40 of them, were weeding or thinning the wildflowers coming up among the cactus.

YOU'D hardly think of cactus 'as being an ideal plant for children. But this bunch was having a wonderful time. Half a dozen of them could rattle off botanical names as long as your arm. They had no fear of the spines. They handled the plants with tongs if necessary. Mr. Skinner says when an occasional injury occurs, the boy or girl makes very little fuss, for there's no sympathy from the rest of the children.

Over Cactus

Los Angeles Playground and Recreation Department



The garden was started by a handful of hobbyists, adults, five years ago. At first they were interested only in seeing a striking flower, a strangely shaped plant. But the hobby fascinated them, and they've grown into a group of experts second to none in the country. They've taken on somewhat the importance of a research foundation.

Plants in the garden are collected, traded for, donated from members' gardens. Of the one thousand sorts growing there, only one has been bought, and that an Arizona Giant Cactus at a bargain price of \$10, too good to let pass. They've made their playground famous with their Cactus Show held in June each year. Last year 10,000 crowded thru to see the 60 mass exhibits. Some of the members bring several truckloads. A Mr. and Mrs. Charles Place need a moving van, and two carloads besides, to bring in their exhibits. Mrs. Place's specialty is euphorbias and each specimen must be wrapped with tissue, for a wound to a stem would cause bleeding that would ruin it as a show specimen.

THE adult group meets every Thursday night, and once each year 20 of them go on an extended collecting trip, camping out in the desert for a week or more. One trip was to San Clemente Island, off the coast; several have been to different parts of the California and Arizona desert. They've explored Baja California (Lower California to *gringos*) until the garden's collection of cactus and succulents of the region is practically complete. And when a few go away on an extended trip, like the one to

Utah, they take with them "want lists" of plants to be collected for others of the group.

The junior group was a natural outgrowth of the senior one. It has been a tremendous success. Said Mr. Skinner, "They're getting to be hardened gardeners. Each one sails right in. They know what they have to do and they do it. But children can stay only 20 to 30 minutes at any one job. Then they have to be shifted to something else or they lose interest." But it's the work that keeps them interested. They *have* to work to be in the garden, and because they do, it's their garden. They watch over it like the most zealous landlord. If any over-curious stranger climbs [Turn to page 111



Molt Studios

Trouble a-brewing. Whatever it is, she's not a-going to do it

"MY HUSBAND likes the kitchen, NOW!"

"Can't keep him out of it, ever since I cheered up those shelves with Royledge! I got it in the trickiest new pattern, laid it on in a jiffy without tacking—now my pantry is positively inviting!"

No need to drag Royledge down for laundering. Just freshen the colorful edge with a damp cloth! Doesn't fade, curl, or droop, either, because of the wonderful double thickness. Yet guess what it all costs. 5 CENTS A PACKAGE! Yes, really. Nine feet of Royledge is only a nickel at all 5¢ & 10¢, neighborhood and dept. stores (10¢ sizes, too). Roylece, Brooklyn, N. Y.

2 LAYERS THICK

Royledge
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9 FT. 5¢

"FEEL THE EDGE"

for easy faster dish drying

Ask your store for Martex Dry-Me-Dry dish towels. Their patented, three-fibre construction of cotton, spun rayon and linen makes them faster drying, more absorbent and practically lintless. Why not try them?

Martex

DRY-ME-DRY DISH TOWELS
U. S. Pat. 2,122,175

If your store doesn't have them send \$1 for a set of 3 in red, blue or green. State pattern and color. Print your name and address. Wellington Sears Company, 79 Worth Street, New York, N. Y.



METALANE* Weatherstrips can never wear out



Weatherstrips made of Metalane give silent protection and keep their beautiful, silvery appearance as long as your house stands. Especially created for weatherstrip, Metalane will never rust, oxidize, turn black, stain paint, woodwork or stone... in any climate. It is really beautiful on white painted windows and doors. Your builder can buy factory-assembled windows, fitted with Metalane Weatherstrip at the mill, at lower prices than ever before. Monarch Metal Weatherstrip Corp., 6346 Etzel Ave., St. Louis, Mo.

Monarch METALANE WEATHERSTRIP
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Now FADELESS BEAUTY FOR YOUR HOME WITH *Kolor-Fast* Nu-Wood

A MAJOR DEVELOPMENT

Here's new beauty, new value, to add charm to your home! Now, Nu-Wood's soft colors are proof against fading... protected against loss of their rich hues by an exclusive process! Now, Nu-Wood gives *lifetime* beauty.

CLEARER, RICHER HUES FOR EVERY ROOM!

Available in 7 shades, Nu-Wood colors are now richer—clearer than ever before! The new *Kolor-Fast* Nu-Wood has greater light reflectivity... brings a glamorous glow to every room. No other similar finish duplicates Nu-Wood color and texture.

PLUS INSULATION AND SOUND ABSORPTION!

In addition to the lasting beauty, Nu-Wood gives you efficient insulation and sound absorption. Available in a variety of patterns, *Kolor-Fast* Nu-Wood offers new and improved application advantages—costs amazingly little. Add new life to your home with *Kolor-Fast* Nu-Wood—mail the coupon for *free* literature.



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St. Paul, Minn.

Convenience: Please send me information and illustrations on Nu-Wood for

☐ New Construction ☐ Remodeling

Name

Address

City State

Painting Pointers

[Begins on page 20]

pressure behind the paint film—the result of faulty construction that allows seepage or abnormal condensation, or of using paint on a damp surface. Brown stains result from release of water-soluble substances in improperly seasoned redwood and certain cedars and pines. Complete removal of paint from the affected surfaces is the only corrective. Wrinkling results from improper brushing of heavy, oily paint and can usually be corrected by sanding and repainting.

Both spot fading and premature chalking are usually due to improper formulation because of too much thinner, skimping on the necessary number of coats of paint, or cheaply made paint. The cure is proper repainting.

Breaks in the paint surface result from using a quick-drying finish coat over a slow-drying undercoat. Frequently the undercoat contains too much oil.

Cause of Sealing In cracking and scaling, the paint cracks, curls, and finally scales off. Cracking is caused by hard-drying paints. Water seepage thru these cracks exerts enough pressure on the film to make it scale. All the old paint must be removed before repainting.

What Is Paint? Before we can examine a final factor in your getting a good paint job, we must examine paint itself.

All paint is dry pigment mixed in a liquid vehicle. The pigments used for exterior painting are finely separated metallic compounds, such as lead, zinc, and titanium. It's these pigments that actually do the protective and decorative job. The liquid serves merely to carry the pigment in suspension and, as it dries out, to hold the pigment to the surface.

Roughly, there are two types of pigment, opaque and transparent. In house-painting the opaque pigments do the work. Sometimes transparent pigments are introduced in small amounts into the mixture to give it bulk and body.

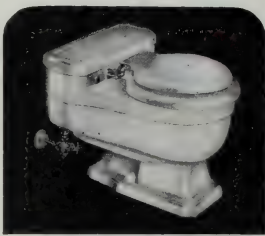
White lead is the basis of most house paints because when mixed with linseed oil it forms a tough but elastic film. It combines well with most colors and pigments and is particularly effective for white and the lighter tones. White lead is extremely durable, has excellent weathering qualities, wears down slowly and evenly, and thus leaves a good surface for repainting.

Either zinc oxide, leaded zinc oxide, or titanium pigments are used with white lead in most ready-mixed house paints. They're all very white opaque pigments. Zinc oxide and leaded zinc oxide are resistant to mildew, aren't discolored by gases, and absorb ultra-violet sunlight. Used alone in linseed oil they form a very hard but inelastic film which tends to crack.

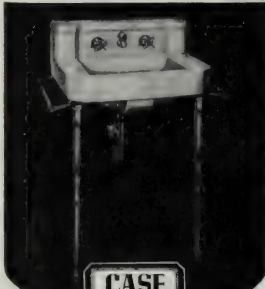
Titanium pigments are durable and have hiding power as well as resistance to sunlight, moisture, gases, and other fumes.

All good house paints should contain a substantial proportion of

A New BATHROOM CALLS FOR 1940 FEATURES



In your new home... or in the remodeling of your present bathroom... be sure your fixtures include new features developed by Case for 1940. The famous T/N Water Closet, for example, has been further improved in its mechanical efficiency—the complete operation of the fixture is now merely a matter of seconds. As an added health protection, the T/N is tested and approved by the National Plumbing Laboratory. The brand new *Wilmington* comes in a variety of styles, and combines in one lavatory unusual convenience and attractive design. Ask your Master Plumber about Case fixtures. Make 1940 your year for a new bathroom with 1940 features.



CASE DISTINCTIVE PLUMBING FIXTURES

We'll be glad to send a booklet with bathroom suggestions, and the nearest address where you can see the complete line of Case fixtures on display. Just write to Dept. B-30, W. A. Case & Son Mfg. Co., Buffalo, N. Y.



YES—TUMS bring amazing quick relief from indigestion, heartburn, sour stomach, gas caused by excess acid. For TUMS work on the true basic principle. Act unbelievably fast to neutralize excess acid conditions. Acid pains are relieved almost at once. TUMS are guaranteed to contain no soda. Are not laxative. Contain no harmful drugs. Over 2 billion TUMS already used—proving their amazing benefit. Get TUMS today. Only 10¢ for 12 TUMS at all druggists. You never know when or where

Personality Kitchen

"PERSONALITY" is an inadequate word, but there doesn't seem to be any other available to describe that something or other which makes a kitchen or breaks it. Anyhow, it's the individual touches that "make" a kitchen—and after all, this merely means putting *YOU* into your kitchen. We tell and *SHOW* you how in the next issue of *Better Homes & Gardens*.

white lead or white lead and zinc oxide, except in deep colors that don't admit opaque white pigments. Barium sulphate, calcium carbonate, china clay, and sand, sometimes used as extenders in paint formulation, are transparent pigments. They're used as a balancing or modifying pigment, but in good paints are used sparingly. They're considered adulterants if they comprise more than 10 percent of the pigment volume.

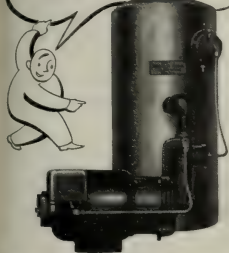
Normally three ingredients are used together as a vehicle. They are a drying oil, a drier, and a volatile thinner. Drying oils, such as linseed and other vegetable oils, have the capacity, upon absorbing oxygen, of hardening into elastic film. Soybean oil is sometimes successfully substituted for part of the linseed oil in prepared paints. Turpentine and similar volatile thinners are introduced into the formula to improve the workability of the mixture. They evaporate almost completely without changing the character of the paint. Some inferior paints contain as much as 35 percent water. On the label water is often called colloidal solution, soap solution, emulsifying agent, or aqueous bodying agent. If there's more than one percent water in the vehicle, it betrays an inferior paint.

Don't Change Horses Now that brings us down to this last factor in paint maintenance. You can buy a good paint and hire a good painter, and still maybe you won't get a good job. Chemist F. L. Brown, who has spent many years studying paint at the Forest Products Laboratory in Madison, Wisconsin, is pretty emphatic in saying that changing kinds of paints from one painting to another is a common cause of trouble. He says to start out with a good paint, make a record of its formula (because paint manufacturers sometimes change their formulas, don't go by brand name alone), and stick with that formula thru the years. A new white paint with a zinc-oxide content differing materially from that of the old paint, for example, deteriorates more rapidly than either one of these paints would alone, he says. It's well known that white paints over full-color paints—such as deep red, brown, or black—fail all too soon.

How Often to Paint When the old paint coating has gone four to five years, it's time to repaint. It's the economical thing to do. Let it go longer and the old paint begins to break up and often requires much

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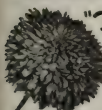
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more careful preparation before repainting.

Repainting at intervals of less than three years isn't advisable because the old paint hasn't worn thru enough to become a sound foundation for the new. It's better to wash your house than to repaint it too often. Paint gets dirty most rapidly during the first year while the paint is still glossy. When the paint begins to chalk, it cleans itself. So if you paint too often you sacrifice the period of best appearance only to start the dirt-collecting stage again. Don't do it.

Because of the plethora of conditions paint is made to meet, there is no complete agreement as to perfect paint. Even the proportion of vehicle to pigment has never been agreed upon. Too much oil causes paint to dry slowly, become dirty, and fade early. Too little oil causes paint to fade and wear rapidly.

The white-lead, zinc-oxide type of paint is often preferred for tinting, because, tho it becomes dirty, it chalks less freely and therefore holds color better. Yellows and buffs can fade rather seriously and still look good, but when light greens and light blues fade, they look shabby.

Climate Affects Paint Climate has some bearing on choice of paints. In the warm, humid climate of the Southeast the harder types of paint containing higher proportions of zinc oxide are often more durable than the soft paints, such as pure white-lead paint. But in the dry climate of the Southwest, paints of the harder types are notably less durable than soft paints and tend to break up badly if allowed to go too long.

This is why it's so necessary to employ a competent painter, a man who understands local conditions and who won't skimp on the job, nor introduce adulterants into the paint, nor apply it carelessly.

Bugaboos on the Run— Growing Seedlings

[Begins on page 18]

three or four days, replace the nutrient solution with fresh, pure water for a week or so. Always keep the water level a little higher than that at which you kept the nutrient solution.

As the plants increase in size they may be potted in soil or go again in sand-filled containers which offer the same cultural advantages as the seedling pans.

No Seedling Loss Tuberous Begonias, double giant petunias, calceolarias, and cinerarias have proved for me what this method will do with difficult seeds. Even after three months in the sand without transplanting, they have shown practically no losses. Dahlias, statice, China-asters, Korean Hybrid Chrysanthemums, calendulas, and many others have proved adaptable to the sand-culture method. So far not a single plant I've tried has failed to respond most accommodatingly.

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For 20 minutes, 2 to 3 times a day, Mrs. Tessell placed her right hand in New Quick Lux suds. She used no lotions or creams. After 19 days, this hand was still smooth, white!

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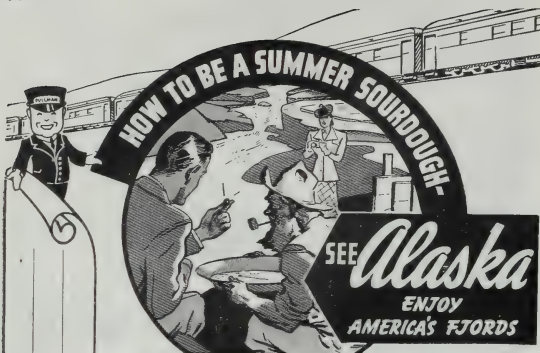
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Don't Be a

By C. A. Crosser

You can hide your head from unpleasant tax facts, but still your neck will be out! . . . Put a couple of cigars in your pocket and find out what the assessor has against you—it may save you money

IF YOU'RE like most human beings, you prefer to duck unpleasant matters.

You'd rather not look at the card in your overdue library book. The number of payments still due on your car isn't a matter of glee. You shilly-shally until the last month before getting to the monthly bills. And particularly, as a home-owner, you may shrink from prying too much into your property assessment and taxes—at least, it's an unpleasant subject.

But with a big gouge of a single month's income going to pay the tax on your home, not to speak of income and sales taxes, you'd better muster up enough cod-liver-oil courage to find out all the facts about the assessment and taxes on your home.

But you wail: "Suppose I do! There's nothing I can do about it. Why spoil an otherwise none-too-happy existence?"

THERE'S where you're a bit hairy-wire in your thinking.

Take just about two hours to dig into your tax facts—you spend a whale of a lot more time than that, every year, just worrying about them. The gamble is good that you might run across data which would entitle you to a reduction in those taxes.

Here's how to go about it:

Visit the Assessor in the City Hall or County Court House. There's no reason why you shouldn't take along a couple of cigars in your pocket—not as a bribe, either, for cigars won't get you a \$1,000 assessment cut. But assessors and deputies are amiable fellows; and their jobs are no cinch. They have to answer a lot of questions from all kinds of people, and they take a lot of punishment from the public. Meet them more than halfway.

"Mr. Assessor," you ask, "will you please tell me the last assessment on my house and lot?"

The assessor or one of his deputies hauls out one of the big red books on the shelf and paws thru it for your district and individual property description.

"Your assessment is \$4,000," he replies. "Five hundred dollars for your lot and \$3,500 for your house."

Many assessors then shut their eyes and wait for the blow, like the man who has just kicked another in the shins.

BUT before shooting him dead or embracing him—depending upon how your assessment figure strikes you—you'd best inquire further.

If your assessment is much below your guess and lower than your neighbors', the average civic conscience is such that Mr. Home-owner will stride away with a broad smile and break into songs when he reaches open air. There's one authentic case on record of a man who objected because his assessment was too low, and asked the assessor to raise it.

But whether low or high, you ought to find out how it was arrived at and at what percentage of the supposed market value it is placed.

Suppose your city assessor replies in this fashion: "At every annual real-estate assessment, we hire field assessors to look over your place. They place what they think is a fair value on it. That's all there is to it. Fair enough?"

This reply should be quite enlightening. It should arouse hope in your savage breast that if you honestly believe your assessment is too high, you have more than an even chance of getting it reduced.

BUT this explanation reveals that probably the assessment was a curbstone guess by a field assessor who in all likelihood was inexperienced in appraising property. A better name than "assessment" might be "guessment."

Further inquiry might reveal that the man sent around to assess the property was an unemployed auto mechanic who could be depended upon to deliver a hundred votes in the 65th precinct, but who never owned a piece of property in his life.

But before discussing the next procedure let's jump to another city and listen to a different City Assessor's explanation.

Tax Ostrich

Suppose again it's you. The assessor or in this office takes a card out of the file and lays it before you. You recognize on it a small-scale plan of your house and lot and a calculation giving the number of square or cubic feet your house contains. Its history includes the date it was built and any later remodeling; the names of the different owners and possibly the prices they paid or the rentals they received; the lot layout, including the concrete walk and driveway; and finally the computation showing its actual and taxable value, and maybe a photograph or two of the place. This record may contain more information about the property than you possess.

"HERE'S a complete history and record," the assessor explains. "We have measured your house and calculated the number of cubic (or square) feet it contains. We then multiplied the footage figure by the unit cost per foot it would take to build a house of this type now. To this total we've added the approximate value of special features, such as fireplaces, extra bathrooms, and recreation rooms. From this present

isn't likely to duck in expectancy of a violent comeback. More likely you'll shake his hand and present him with another cigar.

Maybe you'll think your taxes too high. But at least you have the satisfaction of knowing that your neighbors are packing an equal burden.

The pitifully sad fact is, tho, that you're more likely to live where tax assessments are unglorified guesses. Only a small percentage of cities use a scientific system of assessing. Cleveland, Detroit, Toledo, St. Louis, Minneapolis, St. Paul, Los Angeles, Flint, Bridgeport (Conn.), and Cambridge (Mass.) are a few.

BUT, wait—don't cash in your chips here on your quest for tax facts, even tho you may be satisfied with your assessed valuation. Don't be like the property-owners in a middlewestern city who were rather well pleased with the past year's assessments. When the current year's tax bill was faced, they found themselves looking at considerably higher figures. The assessing authorities had decided on a blanket raise for all property in the district.

Or consider the fellow in an older suburb of an eastern city who found upon inquiry, and too late for immediate correction, that someone had lowered his neighbors' assessments, but not his—leaving him to suffer an inequality.

In neither of these instances had the home-owners kept track of the times at which assessments were made in their communities. You should inquire in what year your real estate will next be assessed. In half the states, reality is assessed annually. In the remainder, it's assessed biennially and quadrennially.

Plain and fancy bribery is more common in property-assessing than the layman suspects. In one town, a field assessor sold fire insurance as he made his rounds. His insurance business thrived and his customers had low assessments.

SUPPOSE the property-owner believes that his assessment is too high. What can he do about it?

State laws usually provide that the taxpayer is given ample opportunity to appeal his assessment from the assessor to a higher authority.

Ordinarily this is a commission or board of appeal or review of assessments, and it meets for a few weeks or a month immediately following the assessing period. In some states, members of the city council, county commissioners, or township trustees act as members of this appeal board.

The defect in this plan is obvious. Few such public officials can qualify as expert real-estate appraisers. One candid city councilman recently expressed himself on this point as follows: "What do I know about property values? Nothing. Never have I purchased or rented a home. I've lived in the old family home all my life." [Turn to page 106]



"Take along a couple of cigars"

total reproduction value we deduct the proper depreciation. This is 2 percent a year for its life. Possibly we make a further deduction for neighborhood obsolescence. The resulting figure represents the present estimated market value of your property. How does this match with your own calculations?"

In seven cases out of ten, you'll admit that the assessor's figure is just about the amount your place was appraised for last fall, or what you were offered a month ago.

The value of the lot, the assessor explains, was figured by multiplying your front footage by the unit value per front foot placed on all the frontage in your block. Allowance was made, of course, for ravines or other physical features which decrease or enhance lot value. This places your lot value on an equality with those of your neighbors.

THE assessor concludes: "It's the practice in our city to assess property at about 75 percent of market value. That means that every piece of property with the same market value as yours carries the same assessed value. Isn't that fair enough?"

Any city assessor who can make such an explanation of his methods

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I can see and love.
All the jewels in Nature's hand
Are my treasure trove.

Precious things that I call mine
None can take by stealth;
Tho I may seem poor to you—
I know I have wealth!

—Aileen Farley

Bildcost Goes to Long Island

[Begins on page 22]

nial and American Colonial—were built in Harbour Green down on Long Island's south shore, they're designs that are at home anywhere—Maine or Texas, Montana or Tennessee. That's a real beauty. And so, we think you'll agree, are the two houses themselves.

Now, how much will it cost you?

We've prepared lists of all materials needed to build each of these houses. Using these lists, your architect, building-material dealer, or builder can figure the exact cost to you. We can't accurately state that cost here because building costs are higher in some communities, lower in others. Send 6 cents for this list. Use coupon below. You are in no way obligated.

The List of Materials is only one part of *Better Homes & Gardens' Bildcost Service*. If the cost is right and you desire to build one of the homes, we'll send you the necessary plans, specifications, and contract forms for the nominal price of \$5 for one set, \$2.50 for each additional set. For all non-transferable purposes, three sets are necessary—one for your architect, contractor, and yourself.

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Better Homes & Gardens' Bildcost Service is a regular feature of the magazine. No matter where you live—East, West, North, or South—there's a Bildcost Gardened Home for you and your family. Send 25 cents for the *Better Homes & Gardens' Book of Bildcost Gardened-Home Plans*. It contains descriptions of 60 other homes designed by outstanding architects. The construction of all Bildcost homes conforms to Federal Housing Administration standards.



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HOW OFTEN

should homes like this be painted?



BERTRAM A. WOOD, ARCHITECT

Some families wait six or seven years between paint jobs—because painting costs money.

And some families have their homes painted every two years—because a new coat of paint is a new coat of beauty.

Whichever program you follow, you'll be wise to have your contractor use the paint that home-owners for 97 years have found so satisfactory under all conditions.

It's Eagle Pure White Lead mixed in linseed oil. This "pure-pigment" paint creates a film of loveliness that weathers superlatively well—doesn't crack or scale. It leaves an ideal surface for repainting because it wears down slowly by a gradual, even chalking.

Next time you paint, employ a reliable contractor, and specify Eagle Pure White Lead.

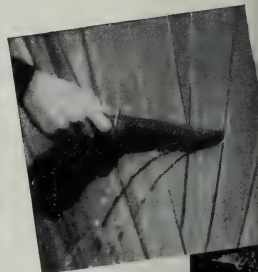
NEW BOOKLET: Contains valuable information on painting, including tips on how often painting should be necessary. Write for free copy. The Eagle-Picher Lead Company, Dept. BG-3, Cincinnati, Ohio.

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Florida—



Here's evidence. The travelers-tree really does contain clear, watery sap, refreshing to the traveler

The travelers-tree looks like a palm but belongs to the banana family

THERE are no streets of gold in Florida, and you can't produce alpine edelweiss or equatorial exotics, but any plant from the temperate or sub-tropic zones will flourish here if given a little care and plant food.

If you have a weakness for the graceful, curving lines of palms and pampasgrass, or for the sharp, modern tones of the centuryplant and Spanish-bayonet, pack up your spade and trowel. Florida is the place for you! If you crave color, the flaming orange-red Bignonia and Crimson Lake Bougainvillea will delight your soul.

This may sound like chamber of commerce publicity, but it comes from the heart. After 14 years in Florida no one can fail to respond to the beauty of the waving palm fronds, the gorgeously colored blossoms, and the luxuriant foliage.

WHEN you think of Florida you always think of palms. In selecting them, you have wide choice. There are Date, Wine, Fishtail, Cane, Royal, Coconut, Washingtonias, San Diego, and Cabbage Palms. These, moreover, are only a few.

Royal, Coconut, Washingtonias, and San Diego (*Cocos plumosa*) Palms all grow 40 to 80 feet high. For this reason they should be used only as garden backgrounds, although they do serve admirably to line streets and parkways. They're easily transplanted even when almost full grown. When properly reset and braced, they're almost sure to continue growing without interruption.

The Cane Palm (*Chrysalidocarpus*) is perfectly suited for planting along the foundation of your house. Graceful clumps are appropriate to break the lines of formal doorways. They also fit well into in-

Garden-Lovers' Paradise

By Edna P. Hoffman and William J. Evans



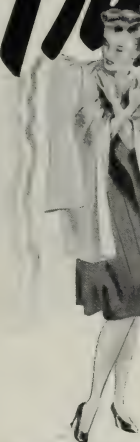
formal spots in your garden. While Cane Palm can't be classed as hardy, it will survive the occasional cold snaps of central Florida if placed where it's protected from the north wind. Well-fed specimens sometimes get 20 feet high, but 6- to 12-foot plants are most common. This palm grows in clumps, bearing graceful, feathery leaves sprouting from small, yellow-ringed [Turn to page 107

Yuccas grow to great size and are quite decorative when their big white flowers open

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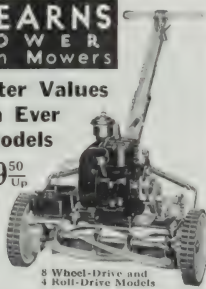
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Boy-handling Tips From Boys Town

[Continued from page 46]

can't possibly be kept, as in elections anywhere. The offices, however, go, as a rule, to those who have proved worthy of the very real responsibility.

The Boys Town Chamber of Commerce, a blue-stocking organization with scholarship requirements—yes, everyone goes to school, even the Mayor—has never been able quite to gain the place held by the "politicians," as they refer scornfully to the Mayor and Commissioners. It's a thorn in their side that their plans leak, and, first thing they know, the Council launches, with much fanfare, something the Chamber thought up.

They keep the Council on its toes, however, and joint meetings with Junior Chambers of Commerce of Omaha and other cities give valuable outside contacts.

THERE'S a sport, a club, and a hobby for every boy. The football team, which belongs to the Nebraska Athletic Association, hasn't been beaten nor tied in 35 games. Baseball is run like the big leagues, with players farmed out. Practically every boy of the 200 collects stamps. Jimmy Skiles, trombonist with Horace Heidt, learned his instrument in the Boys Town band. A little rascal who tapped Father's telephone wire years ago now heads his own burglar-alarm company.

Progress in the new life can be traced by names. When he enters, a boy is called by his last name; as he becomes acquainted, by his first. When he rates a nickname, he belongs.

HARD CASES Father takes in hand himself. Once the majority of the boys were referred to him by the juvenile courts; now only 10 percent are. Father spends all the time he can with the youngster, takes him on trips, to movies in Omaha, has him come to his house to listen to favorite boy programs on the radio. A box of candy, always in the desk drawer in Father Flanagan's office, to which any boy has access at any time, is the kindly priest's quiet answer to reform-school methods. He considers that the way to win a boy who has become anti-social through neglect or abuse—Father Flanagan says at every opportunity that there are no bad boys—is to earn his loyalty to the place or to some person in it. I expect a woman would call this love.

FATHER worked with one boy six months before the little fellow was ever seen to smile. Just 8 years old, this youngster had headed his own gang of 14- and 15-year-olds, robbed a bank single-handed without being caught, bought a revolver with the money he stole, and started out with it to hold up stores and filling stations—the youngest convicted bank robber in the United States.

Behind the boy was an unbelievable story of neglect. He was encased in an armor of sullenness which nothing, it seemed, could penetrate. For six months Father



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EDDIE: "M-m-m. I only need one. It's

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took him to movies, ball games, circuses, and ate quarts of ice cream with him before he got any response. Now, four years later, that boy is one of the most trusted, unselfish, and promising of the group.

"THINGS go along now more or less under their own momentum," I said to Father Flanagan. "In the beginning, tho, how did you get the boys to take all responsibilities?" "It was their own idea," he said. "And we had to. I had no money, there was no one to do things—just myself. We've kept on because it seemed to be the best way."

Twenty-two years ago Father Flanagan, interested in the neglected, homeless boys he saw about the Omaha streets, and in the courts, borrowed \$90 and rented a house on the northwest corner of Twenty-fifth and Dodge in Omaha to give them shelter. There were five at first, three from the juvenile court, two from the streets. That was in October. By Christmas there were 30.

THE present great plant, 11 miles west of Omaha, was built largely by gifts of one- and five-dollar bills, "with a heartache behind every brick," Father Flanagan says. Five new dormitories now under construction—Father borrowed the money for them, too—will bring the capacity to 525. (There's a waiting list now of 1,400.) Many boys are placed in foster homes; others, sent because their parents could do nothing with them, go back to their homes after Boys Town has rehabilitated them.

"It costs \$2,000 to bring a boy up to be a good citizen," says Father Flanagan. "It costs society \$5,000 to put him in a cell."

SHALL we parents, then, throw up the sponge and turn our sons over to one of the numerous Boys Towns which have sprung up, from Maine to California, inspired by Father Flanagan's? By no means. Father would be the first to say a boy is better off in his own home, with loving parents.

It seems to me that we can all, however, adapt Boys Town ideas to our own homes. A large family could use the whole scheme. I was much interested, on returning from Boys Town, to find a "We Parents" letter in which Mrs. George W. Huspeth, of Palmtoe, Louisiana, said her own boys are self-governing, that they make and enforce their own laws.

Where families are small and children young, Father suggests that parents make up for the group influence of Boys Town by spending more time in teaching responsibilities, in opening up a wide variety of interests and activities. This should be as advantageous for girls as for boys.

"PRAISE and reward for anything well done," Father Flanagan advises. "Enthusiasm over every social trait displayed.

"Understanding, responsibility for the boy's self and for the common good, plenty of work and plenty of play under unobtrusive supervision—that's all we have at Boys Town. I don't see why it couldn't be applied in any home. It's never failed yet."



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Whims & Hobbies

Six or seven varieties from a single fruit tree are not uncommon, but Robert A. Troth, Orleans, Indiana, owns a multiple fruit tree which is capable of producing 128 different varieties of apples, 3 of crabapples, and 6 of pears. As a whim, he started setting grafts and buds when the tree was just a seedling.

For seventeen years, two sisters, Mrs. Frances Clark and Mrs. Will Wallin, Unadilla, Nebraska, have presented every new baby of the community with a beautifully hand-knitted pair of booties.

A private dog cemetery, with graves for six of his deceased pets, neatly inclosed by vine-covered white picket fence, is an important part of the back yard of Wilfred Funk, New York publisher and poet.

The residents of Jacksonville, Florida, are supplied with ornamental house numbers made by Kenneth DeGroot in his spare time.

Among movie star hobbyists: Edward G. Robinson relaxes in his chemistry and physics laboratory. He also collects fine paintings. Jean Hersholt collects rare books. Wm. S. Hart now lives enjoyably in retirement with his pistol collection, horses, and pets.

Oscar Gunnarson, Lindsborg, Kansas, has attracted nationwide interest with his cement sculpturing. He utilizes spare moments in constructing miniature concrete figures of the pioneers who figured in events in the history of the Scandinavian community around Lindsborg.

George A. Caldwell, New Britain, Connecticut, is one of the country's leading hollyhock hobbyists. He has them in every shade; and the 7,000 blooms, some of which are 9½ feet high, surround his home.

Mrs. John Adams, wife of the second President of the United States, was a rose enthusiast. Over a hundred and fifty years ago she imported a rose bush producing an unusual (for that time) bloom—soft white with yellow center. The bush still blooms in the garden of the old Adams mansion at Quincy, Massachusetts.



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EDITORS EXCHANGE TIPS

tom. Fill cans with rich soil. Transplant little plants in cans, leave till roots are strong. Cut around the inside of the can with an old knife, remove, plant. I never lose a plant.—Mrs. W. H. Lacy, Ga.

Sowing Fine Seeds

It's ADVISABLE to plant fine seed in clay pots. To the seed add five times their bulk of fine, dry sand; mix. Scatter the seed over prepared soil in the pots. Thinly cover them, and place the pot in a pan of water until the soil is thoroughly moistened. Planted this way, tiny seeds germinate evenly and watering is made simple.—Mrs. E. E. Grebenstein, N. J.

Rock-Garden Seedlings

PANSIES, VIOLAS, and other rock-garden plants are sown in tiny hotbeds between rocks in our rock garden. Earth is heaped up around the little seedbed and a small pane of glass fitted over it. In this way our plants get an early start and we have no transplanting.—Camille Kenely, Minn.

Divide and Prune Perennial Asters

ROOT APHS OFTEN flourish in clumps of perennial asters, so divide the plants when they're four inches high and plant four or five in a group. Tall-growing sorts, pruned in summer before buds form, give more compact plants and prolific bloom.—Lula Egan Quinlan, Okla.

Garden Labels

WHEN A GARDEN LABEL is needed in an emergency, break apart a spring clothespin, write on it with indelible ink. Wrap the end of a 12-inch length of wire around the groove, and you'll have a standing marker, legible for at least a year.—Ed Anderson, Maine.

Sod for Seed-Sowing

TO GROW PLANTS which object to transplanting but must be started early, turn thick sod upside down in boxes and cut into squares or cubes of a suitable size for the kind of seed and length of time before setting out; and then plant seeds in the center of each square. The sod will hold the earth together so that the cubes can be transplanted without disturbing the roots.—N. H. Wilmering, Ont.

Vinca Needs Clipping

MY THRIFTY BED of bluevinca wasn't a burst of blue blossoms as I had hoped. Building operations placed refuse on half the bed. To clean the area, the vinca was clipped close to the ground. It leafed out fully next spring and was blue with the blossoms. Advice: clip your vin-

ca for blossoms.—Mary A. Smith, Wis.

Tomato Support



AT LAST here are some tomato stakes that don't disappear year after year. Set one end of a 6-foot 4x4 post, 20 inches into the ground near a corner of the garden. Nail a series of cross-bars on the upper half of the post like cross-arms on a telephone pole. Set one tomato plant on each of the four sides of the post, a foot away. As the vines grow, tie them to the cross-bars. By feeding or exchanging the soil near the post, this device will do service year after year.—H. F. Sells, Ohio.

Rooting Cuttings

HERE'S a convenient way to handle small quantities of cuttings. Take a 10-inch bulb pan, place in the bottom a handful of gravel for drainage, add a 2-inch layer of peatmoss and 1 inch of clean, sharp sand. Now place a 2½-inch pot in the center, filling sand around it to within ½ inch of the top. The pot provides a reservoir for watering and peatmoss holds moisture.—Margaret Mackenzie, Conn.



Shady Border in Green and White

AT THE SHADED EDGE of the terrace where we sit in the evening I have worked out a hardy border that delights me with its constant succession of bloom and good foliage.

Since white flowers are most effective at night and more likely to be fragrant, it is almost all in white.

A strip of ground 3 feet wide was first made rich and mellow with woods soil and plant food. Down the middle of this and 15 inches apart I set clumps of the August Plantain (Funkia plantaginifolia grandiflora) with a group of Poet Narcissus half-way between each clump.

Staggered with the White Funkias and 15 inches farther front were clumps of the lavender-flowered Funkia lanceolata and between them drifts of snowdrops (galanthus).

The whole was bordered with white violas. The back of the border alternated white phlox, Mrs. Jenkins, and Anemone japonica Whirlwind. The flowers that held the picture were: in April, snowdrops; May, narcissus; June, violas; July, phlox; August, White Funkia; September, F. lanceolata; October, anemones. The violas bloomed from June to frost.

This border would work just as well on the north side of a house with a shrubby background.—Helen Field Fischer, Iowa.

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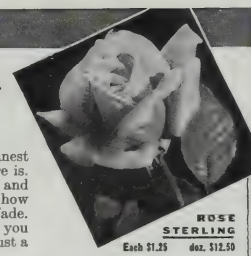
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The Diary of a Plain Dirt Gardener

[Begins on page 10]

The melody here, which expresses the longing for home, tells you why folks garden. Everyone has a feeling inside that is something akin to religion in one's soul. Our home is our own. It is where we live, where we bring up the children. We want to make it beautiful. We take pride in it.

So we labor outdoors, to prune and spray and sow and cultivate, to the end that it may be green and that flowers may be pink or orange and that it may be a place of calm and peace and beauty.

March 6 There actually was a distinct green in the lawn this morning. But by mid-afternoon it had been forgotten, for cruel winds blew cold and it was winter. So, says I, it's an ideal day to hie down to Livingston's seed-store and get my list of seeds. So down I went.



"... women present, so sandwiches are the size of a stamp"

March 7 As the boys and I worked outdoors this afternoon, I saw that it was about time to put a complete, balanced plant food on the lawn. Get it on early and you help build a thick turf that doesn't give the weeds that come on later a chance. It would be the very day if I had it on hand, but I plumb forgot to get my new supply yesterday and have only a little left from last year. Remind me of it, next time I'm downtown.

March 14 Brighter and warmer, and the ground has dried out considerably. It's time to uncover the roses. For two years now I have done this while the plants are still dormant and before new growth has begun. I'm convinced it's the best way and I proceeded to practice what I preach. This year almost every rose seems to be alive and thrifty. The rose that dies over winter is the rose that was in poor shape the summer before.

March 15 The other day I saw the first robin, standing on our back lawn, head cocked to one side, watching quizzically the other birds eating the food we put out. If a robin shows up, can the crocus be far behind? Not on your life. Maggie found the first cheerful little blooms, nestled down at the edge of the shrubbery to the south of the house, about noon today.

March 19 Tonight there was a meeting of our little local rose club at our house. The club is planning an open meet-

ing to which we'll invite anyone interested, and we had to talk this over. The members brought their wives. So Maggie planned something to eat. You just can't have a garden meeting with women present unless you have some cookies and sandwiches the size of a special-delivery stamp, with coffee or tea. While Maggie was making such ready, after the meeting, I took up the slack by showing some of my color slides of new rose varieties that I took last summer.

March 22 Tonight finds me at the ninth annual birthday dinner of the Men's Garden Club of Aurora, Illinois. The printed menu disclosed the queerest conglomeration of food I ever contemplated. We were to have Lycopersicum esculentum cocktail, Olea communis, Raphanus sativus, Pseudo-gallus domesticus, Solanum tuberosum with Petroselinum hortense, Lactuca sativa, Beta crassa—and about this time one could gather that it was a menu all set down in botanical terms.

After some 200 of us had dined, the club presented garden diaries to six of its former presidents, who with their wives were seated together. This included my good friend, Bill Lathrop, the first president. Bill, in case you don't remember, was pretty much the founder of the Men's Garden Club of America and its secretary for quite a spell.

March 23 Thru the bright spring air I came driving this afternoon to Flora, the city that lives up to its name, for Flora, far down in Illinois, is a city of flowers.

First, there is a Flora Garden Club. This club has divisions—a rose division, an iris division, a men's division, and so on. Each has its own meetings and at intervals all assemble for a general meeting. There was to be one such later tonight. At an auditorium down the street I found a number of members at work getting ready for it. There were Mrs. Fehrenbacher and Mrs. Charlton and Earl Wood and several others.



"... I saw flames leaping up... we ran with shovels and bags"

After things were going well here, Earl took some of us out to show me the new city park that was being completed west of town. Here the garden club has taken over a section to develop into a public garden. No great amount of money is to be spent on it but folks are all contributing, and it's to be a garden of friendship and memory.

Then Earl, who is advertising manager of the Flora Daily News-

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Something New in Porches

[Begins on page 69]

dered; eight panels, 1/4 inch x 2 feet x 10 feet, having one smooth surface, and the other planished, rather like hammered silver.

THE absolute simplicity of the design proved to be most effective artistically. (See construction-detail photograph, page 69.) A thick cushion of soft glazier's putty bedded the panels of glass on a quarter-round nailed to each 2-x 6-inch rafter at a pitch of four inches from the house to porch front. More putty was laid into the crack between rafter and glass on the upper side. Thus allowance for expansion and contraction, adequate drainage of all moisture, was provided. Each panel of glass was then anchored at the outer end of each rafter, to prevent slipping, by an inconspicuous copper lock designed and made by the builder. Another coat of paint was given to wood and putty.

IF WE were in the open the roof might then have been considered finished, but great oak trees overtop the house by forty feet. Some protection against falling acorns, twigs, and even dead limbs must be provided. Heavy hardware cloth of half-inch wire mesh was attached by screw hooks over the roof.

The roof doesn't leak. It does diffuse strong sunlight so that it is pleasant to sit under it at all times. With screens, it meets every need of an outdoor living-room. It cost us a little more than \$100 less than any figure given us for the old-type porch.

Thanks be for a builder with imagination and practical skill.

Don't Be a Tax Ostrich

[Begins on page 96]

By contrast, in a few other communities—Milwaukee, for example—this assessment-board consists of realtors, bankers, architects, or builders. Under such conditions, the property-owner's appeal would be given intelligent consideration. And the odds are good that appeals to the courts are few.

WILL it be necessary for you to hire a lawyer to present your appeal before this assessment-review board?

No. Unless a large building is involved or the appellant is infirm, there's no reason why you can't handle the situation.

All you need prepare is a brief statement of the basis of the appeal—that it's more than the property is actually worth based upon evidence of (1) what you paid for it, (2) recent offers you've had, and (3) income you're receiving from it; that the assessment is higher than for your neighbors' property of about the same value; that it's assessed higher than the accepted ratio (assessed-to-

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market-value); or that adequate allowance wasn't made for annual depreciation since the last assessment.

The franker the statement the property-owner makes, the more likely he is to obtain redress. Any signs of "covering up" may arouse a suspicion that he's not "on the level."

IF THIS appeal board fails to give satisfaction, then he has final recourse to the courts. This involves employing a lawyer, and the best then is none too good. Unfortunately, however, the amount involved in the average home-owner's appeal is usually only a few hundred dollars—which might be considered too small to justify expense of court action. The property-owner, in that event, is just out of luck.

If you perceive during this procedure of checking up that your local assessing routine reveals any of the defects mentioned, you should immediately induce your neighbors to band together in a movement to modernize local assessing procedure.

Information on a model assessing system can be obtained from the National Association of Assessing Officers, 1313 North 60th Street, Chicago.

DID you ever hear of the term *sleeping on your rights*?

Rip Van Winkle's consternation upon awakening from his protracted nap couldn't be greater than Mr. Property-owner's when he learns that he has been dozing during the assessing and appeal periods, and that his assessment has been substantially boosted.

His first knowledge of this usually comes when he appears at the City or County Treasurer's office to pay his next year's taxes. After his frenzy has subsided, the Treasurer will explain, and not very sympathetically: "Sorry, sir, but you've slept on your rights. You had a chance to appeal your assessment last May. It's too late now."

That's why it pays to be on deck during the assessing period.

The home-owner really can act effectively as an individual during the property-assessing stage—in most states.

But when it comes to controlling the aggregate of the city, county, and school tax levies, property-owners are compelled to act collectively if they expect to achieve results. One small protest against an inordinate boost in school taxes would certainly be a small voice lost in the wilderness. Therefore he can help himself most effectively by joining the local taxpayers' association.

DESPITE the abnormal and unhealthy way local government has grown (it's still taking on fat!), despite the formidable array of pressure groups continually seeking more public handouts at the pork trough (and taxes!), and despite the seeming hopelessness of the cause of tax reduction, conditions are not yet so bad that the individual property-owner hasn't an opportunity to play Peter at the Tax Dike—thru the right of appeal from his assessment, thru concerted effort with other taxpayers, and thru the discriminating use of the ballot.

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Florida—Garden-Lovers' Paradise

[Continued from preceding page]

pending on the type of soil in your garden. Just take a normal amount of care and interest in your plants and you're sure to have a garden of which to be proud.

Bugaboos on the Run—Hormones

[Begins on page 17]

that same year that they had obtained an earlier bearing and larger crop by treating tomato seed with various hormone powders. With naphthalene acetic acid—another of the hormones—there was a 50 percent increase in crop, and plants started bearing nine days earlier.

What is most important to you, further studies by DuBuy on such slow-germinating grass seeds as Kentucky Bluegrass and Chewings Fescue gave seed a quicker getaway where there was a soil deficiency of organic matter or essential minerals. Last year hormone-dust-treated grass seed was tested on Franklin Field, Philadelphia, and gave "quicker germination and a faster start in root and vegetative growth." Later there was no marked difference between the treated and untreated grass. In another test, at Philadelphia's Morris Arboretum, grass seed treated with a hormone and Vitamin B₁ outgrew untreated seed three times over; and when treated with a hormone and B₁, and then the soil fed plant food, it outgrew the untreated seed six times over. Getaway, getting a head start on weeds and drought, is often the difference between a good and a bad lawn.

There have been other encouraging tests on both seeds and bulbs, but research there hasn't progressed as far as in the work on cuttings, and some scientists argue that "to date the only safe, practical use is in the treatment of cuttings." This is their fight, not ours.

Steps Apples From Dropping If you have a fruit tree or two, you'll be delighted to know that United States Department of Agriculture research men found that a weak solution of naphthalene acetic acid sprayed on apple trees made 98 percent of the apples stick to the trees instead of falling off prematurely.

Most spectacular hormone stunt is setting fruit with a hormone instead of pollen. By spraying the hormone on the flowers, scientists have grown seedless squash, peppers, tomatoes, holly berries, strawberries, grapes, cucumbers, and watermelons. And when holly and dates were sprayed with hormones, flower petals and leaves held to the plant much longer than normal. Some day this may mean long-lasting flowers in your garden, longer-lasting cut-flowers in your home.

Background Cagedly Darwin predicted the discovery of plant chemicals, now called hormones, 83 years

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ago. But it was only 13 years ago that a young botany professor, Dr. F. W. Went, now of the California Institute of Technology, first extracted the growth hormone from an oat seedling. Doctor Went's father had been one of the first to advance the hormone theory of plants.

Working in Utrecht, Holland, at the time, Doctor Went decapitated an oat seedling, placing the top in a slab of sterile agar. He reasoned that should the oat have a growth hormone it was probably manufactured in the tip, would pass down the stem and be absorbed by the agar. After a time, he removed the oat tip and fastened the agar slab on the side of an oat seedling. If he had captured any of the hormone it would be reabsorbed by the second seedling on the side the agar touched, intensifying the cellular growth there over that on the opposite side. As a result the seedling would be warped away from the agar slab. That is exactly what happened in a matter of moments.

In the last few years some fifty chemical substitutes for plant hormones have been found, most of them in relatively inexpensive products. One, indoleacetic acid, was discovered in urine. Another is carbon monoxide, the deadly gas in automobile exhaust. One of the most recently discovered is honey. In careful tests on chrysanthemum and evergreen cuttings at the Ottawa Central Experiment Farm last summer, experimenters stood the base of the cuttings for 24 hours in honey diluted with three parts of water to one of honey, and the results were most successful.

Three Substances Best Of the substances, three are especially effective for cuttings—indoleacetic acid, indolebutyric acid, and naphthalene acetic acid. You'll find one of these in most commercial rooting liquids or powders. And fortunately, methods of using them have now been worked out in detail and are included in the instructions. In general, if the hormone is in water solution, you immerse the base of your cuttings in the solution for 16 to 24 hours. Or if the hormone is in a water-alcohol solution of high potency, or if it's mixed with talc or other dust, you merely dip the base of each cutting before planting. These latter two methods are simpler, but all three are effective except for the few species that don't respond to any of the present hormones. Hormone-dust manufacturers have just discovered it helps to dip the cuttings in vinegar before dipping them in the dust.

But don't fool yourself on one point. Hormones aren't a rooting-trouble cure-all. They won't respond to one who gardens on the run. They have to be used carefully, and the cuttings given a fair chance.

It's wise to use Vitamin B₁ in conjunction with rooting substances. Together they're a triple-threat team. Once the hormones get the roots started, B₁ whoops in on these tiny roots and sends them scooting off in every direction. At the California Institute of Technology, plants previously not propagated from cuttings have been well rooted in a month when worked on by both the hormone and vitamin.

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"WHAT TO DO EACH MONTH IN YOUR GARDEN," a section that's a book in itself and suggests gardening activity for each month the year 'round.

"INDOOR GARDENING GUIDE," discussing houseplants, how to arrange cutflowers, and how to keep them fresh.

Yes, it's garden-planning time! And here's the book that tells where, when, and how to plant your garden. Get your copy today from your local newsdealer—only 50c. Or if he can't supply you, write to Better Homes & Gardens, Dept. 7603, Des Moines, Iowa.

BETTER HOMES & GARDENS

Type of Cuttings to Use There are fads in taking cuttings just as in taking tonsils. But wherever possible the base of your cuttings should always be one-year-old wood or tissue, which has less tendency to rot. Older wood, tho sometimes used successfully, isn't worth fiddling with. Cuttings should be stiff enough to snap when bent. In shrubs, the growing tip, if tender, should be removed because it tends to decay. Leafy shoots of herbs and soft-wood cuttings are excellent, providing you pinch off incipient flower buds. Usually flowering delays or stops rooting.

Keep as many leaves on the cutting as you can. Don't strip them off as you used to do. Don't bother to cut large leaves in half. Use sharp pruning shears and make the cut straight across the stem. Cutting at an angle is of no benefit; a larger area has to heal before roots can form, and the plant is subjected unnecessarily to rot. Pruning shears are better than a knife because they bruise and crush more plant cells, thereby stimulating an increased production of wound hormones and a more rapid healing. Make the cut not more than one-fourth of an inch below a node, which is where a leaf joins the stem. You can remove the bottom leaf, and perhaps the one above it—no more.

You'll find that your cuttings are from one to six inches long. A good rule is to have one node in the sand and one above, excluding the tip. The correct depth to insert the cutting in the propagating frame is the one which will allow it barely to stand erect.

Where to Start Cuttings If you lack a propagating frame, one can be made from an old 24- by 36-inch box about 12 inches deep. Put six inches of sand in the bottom and cover the top with a sash of glass which will admit some light, yet retain moisture. If possible, the bed should be kept warm, to a temperature of about 70 degrees. You can do this by rigging a light bulb of the required wattage beneath.

However, your success still can be phenomenal with only a seed flat filled with equal parts of peat and sand in which to insert your cuttings. Keep the flat in a warm, moist, shaded spot. Remember, hormone-treated cuttings like—indeed demand—a high humidity, but never saturation. You can accomplish this by sprinkling the plants lightly.

Azaleas like as many as 20 to 30 leaves left on their stems. Should leaves completely fall off a cutting, except deciduous plants, you might as well discard it. It won't root. Most plants of the hardwood types root within six weeks, the soft ones quicker.

When you see your cuttings finally developing a prodigious quantity of roots, don't rush them into their pots. Take your time. Since science muscled in, you've got your plant-raising bugaboos on the run.

Just off the press is *Better Homes & Gardens'* leaflet g c 15, "Synthetic Plant Hormones and How to Use Them," price 10 cents. It tells in detail how to use hormone preparations on cuttings, seeds, and bulbs. Address 7403 Meredith Building, Des Moines.

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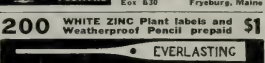
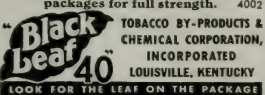
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GLADS 100 blooming stem bulbs of Pearlydew, the worlds best glad, also one 3 lb bulb of a new variety for \$1 postpaid. Ask for free catalog of Glads, Peonies and Iris.
GELSER BROS., Box Y, DALTON, N. Y.

Burpee's Royal LILIES
Immense, fragrant white blooms, easy to grow. Guaranteed to bloom.
3 Bulbs 25¢; 15 for \$1.00 postpaid.
Send Catalog Free. Low prices.
W. Atlee Burpee Co., 454 Burpee Bldg., Philadelphia

MAINE GROWN DAHLIAS
I grow only the best prize winning varieties. Roots low priced. Send for free catalog.
LOMBARD'S DAHLIA GARDENS, Portland Rd., Saco, Maine

rich soil and half leafmold, with a little plant food added. I make a hole in the center of each pot of soil with a short stick. Then I dampen the seedlings to be transplanted so that the roots loosen easily. I set a seedling in each pot, press the soil around it, and place the pot in water which reaches halfway up the pot. When the soil looks damp on top, I remove it and put a little damp peatmoss around the seedlings to retain moisture. A little dusting with zinc oxide from the drugstore helps prevent tiny plants from damping-off.

These potted seedlings are now ready for the coldframe. Each pot is pressed into the sand so that it'll absorb the moisture in the sand.

By following this method you're well on your way to a magnificent display of summer blossoms, and a good month ahead of the season, too.

Start Bulbs for Winter Forcing
By planning your seed-sowing, you can have a succession of bloom in your garden all summer long. Clumps of perennials easily winter-killed can be potted up and carried over in the coldframe for planting out the following season. Bulbs can be potted and buried in the sand in readiness for winter houseplants. Cuttings can be made of your favorite plants and shrubs and multiplied into many new plants.

As I said, to my mind a coldframe is the greatest fun of all gardening. It's a daily thrill to peep in and see your baby seedlings defying the weather. And the money-saving opportunities are considerable.

No Build-y Aches

WANT to know how to build a house without work, worry, or weeping? It can be done. FRAZIER HUNT says so. In fact, he shows you the result, too. . . in next month's *Better Home & Gardens*.

Also, next month, RAY GILES, too, tells you how to save yourself some aches and pains and grief—by reading directions.

EVERYTHING FOR THE HOME AND FAMILY
TRADE MARK

GUARANTEED
as advertised in *Better Homes & Gardens*

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Better Homes & Gardens guarantees that your money will be returned or that satisfactory adjustment will be made if you purchase any article advertised in this issue and it is not as represented in the advertisement. The complaint, investigation of which will be instituted promptly, must be submitted to us within one year after the advertisement appears. If the article is purchased thru the mails it is a condition of our guarantee that you shall have mentioned *Better Homes & Gardens* at the time the purchase was made.

Yes! Try ^{New} Vitamin B₁ at Our Risk!

If you have read about growing 5-inch Tea Roses, Dahlias bigger than a salad plate, Snapdragons 6½ feet high, transplanting a baby ramble rose with 65 buds on it without losing a bloom—you know about the miracles that plant scientists and amateur gardeners have performed using Vitamin B₁. But have you tried it yourself? If you have an indoor or outdoor garden, we invite you to try Miracle-Gro (Vitamin B₁) at our risk—right in your own soil and climate—without risking one penny of your money.

Miracle-Gro

PURE CRYSTALLINE VITAMIN B₁

Remember we are offering Genuine Miracle-Gro—the pure crystalline, powdered form. Miracle-Gro is furnished with a complete kit for mixing 1,600 gallons of watering solution (season's supply for small garden) with simple directions for use, etc. Try it on your own plants, shrubs, seedlings, and bulbs—give it a 30-day trial on our Money-Back Guarantee. Chances are that you will have the same surprising results as reported by gardeners in all sections of the U. S., and get much greater enjoyment from gardening than before. Read the complete story in the February issue of *Better Homes & Gardens*. Just fill out and mail the coupon below. Send No Money! We'll pay the postman on delivery. Your dollar back if not satisfied after 30 days' trial.

Miracle-Gro Company,
Dept. 25, Albany, N. Y.

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Please send me Complete Miracle-Gro Kit with liberal supply Vitamin B₁ equipment for making 1,600 gallons of watering solution, directions, etc. I will pay the postman \$1 plus postage and C. O. D. costs.

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Address.....

City..... State.....
☐ Check here if \$1 is enclosed. We will pay postage if cash with order.

Paste Coupon on Postcard
Save time and postage. Copy or tear coupon on U. S. penny postcard, address and mail today.

The ROYALTY of ROSEDOM

12 Everblooming ROSES \$2.95 PREPAID

3 **PINK RADIANCE**. The most dependable rose grown.
3 **RED RADIANCE**. Blushing sister of beautiful Pink Radiance.
3 **AM. QUINARD**. Deep, velvet, blackish-red. Loads of big, fragrant blooms on long, strong stems.
2 **TALISMAN**. A two-tone that is simply a riot of color.
2 **LUXEMBOURG**. Rich, golden yellow, shading to copper at center—pure gold in your garden!

FREE—20 BEAUTIFUL CLIMBERS
Send only \$2.95 and we will ship you, PREPAID, our special Garden No. 2, above 12 plants in all—GUARANTEED to LIVE and BLOOM. And what plants! Big, rugged, heavy-rooted roses—the very cream of the crop from famous Tyler, Texas—which supplies half of America's roses every year.

ORDER NOW—and we will include one dazzling Paul's Scarlet Climber and one Climbing Talisman FREE, if your order is received before March 31st. Shipment now or later... but ORDER NOW!

BARGAIN OFFERS—FREE ROSES—listed in our Spring catalog folder; many popular varieties, old and new.

TYTEX ROSE NURSERIES, Dept. B, Tyler, Texas.

10 ROSES \$1
We can supply light stock roses if you want them—all popular varieties—10 for \$1. Catalog free

Orlyt PORTABLE GREENHOUSE

Now this attractive and popular English Glass Garden is available in the United States—and at a low price. Made of durable red cedar and double-strength glass it lasts for years. Being portable it can be placed anywhere in your garden and moved at will. Easily assembled—in sections. Can be put up or taken down in a few hours. Requires no foundation. Width is 13 feet and length to suit. Doubles your gardening season and your gardening pleasures. Guaranteed for one year against damage by wind or hail storms.

The Glass House of a Hundred Uses
Made in 9 sizes and 9 prices from \$89.50 to \$379.50, F.O.B. Des Plaines, Illinois. Cash or convenient terms. Write for "Orlyt Glass Garden Catalog".

LORD & BURNHAM COMPANY
Des Plaines, Ill. Dept. "OB" Irvington, N. Y.

IT'S NEWS TO ME!

REG. U. S. PAT. OFF.

By Anna Joyce Olson

1 Tailor-trim the lawn edge along concrete walks with this metal *Roto-Trim's* cutting disk. It digs no channels because ditched edges may catch weed seeds or even a slipper-heel. In stores, \$2. Brooks Specialty Mfg. Co., 3510 W. 52nd St., Minneapolis, Minn.

2 New Greater Glories (*morning-glories*) cover a wall or fence with 5-inch blooms, make exquisite draperies for any outdoor living-room. Pink Cloud and 5 other colors, the 6 seed packets are \$1. Peter Henderson & Co., 35 Cortlandt St., New York.

3 Called *Glatex*, this asbestos cement siding shingle has heat-treated, mineral-glazed surface that won't absorb dirt—washes like a china dish because of this glaze. In sheets, it's nailed into place, appears to be white, 10½-inch shingles. Fireproof, costs within \$12 a square (100 sq. ft.) plus installation. United States Gypsum Co., Chicago.

4 To remove debris, including many weed seeds, gently without turf injury, here's a *lawn-sweeper* with revolving, 20-inch brush. In stores, it's \$19.50; with rubber tires, \$21. *Springfield Junior*; The Moto-Mower Co., 4600 Woodward Ave., Detroit, Mich.

5 Green metal *plant-support* has sliding hoop that, when closed, locks firmly. Add extra hoops to hold more than one plant. Stakes interlock for extra height. Of 3 sizes, a dozen 10½-inch hoops and 26-inch stakes cost \$1.80. Ask for *Best Yet*; Garden Industries, 916 Westgate Ave., University City, St. Louis County, Mo.

6 Check timber decay in such non-ventilated places as under a porch, or a basementless house, or in a closed gable with this cast-iron *brick-ventilator*. At dealers, 2-brick size, No. 85, 40c or less; 3-brick, No. 125, about 54c. The Donley Brothers Co., 13920 Miles Ave., Cleveland, O.

7 To sprinkle cheer in kitchen and snack nook at little cost, here's Floral Diamond pattern in *tinware, oilcloth, and tea towels, all matched*. It's red with a touch of green, or vice versa, on white. The *Empico*, lithographed *tinware*, non-chip and non-peel finish, includes step-on can, canisters, and such; pieces 15c to \$1 in stores. National Can Corp., 110 E. 42 St., New York City. At left, front, Floral Diamond *tea towels* are 16x28 inches, treated for extra absorbency; about 10c ea. Cannon Mills, Inc., 70 Worth St., New York City. Floral Diamond *oilcloth*, by the yard and in made-up pieces: snack-nook cushion, center, 29c; pot-holder set, 10c. *Blenback*, Columbus Coated Fabrics Corp., Columbus, Ohio.

8 Planting *rose bushes*? Note Dickson's Red, so sturdy it's said to bloom unceasingly, doesn't mind hottest summer. Flowers are lush red and deeply fragrant; \$1.50. Jackson and Perkins Co., Newark, New York State.

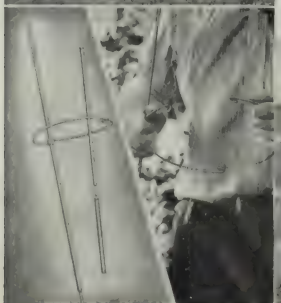
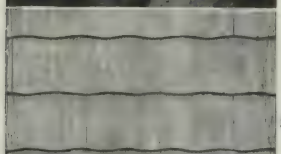
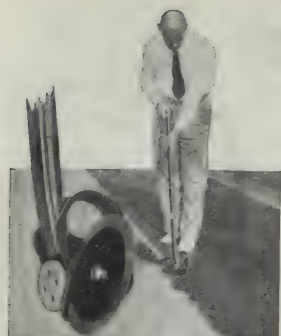
9 You've seen fluorescent lamp fixtures used effectively for bathroom-mirror lighting? (If of daylight type, they reflect your daylight appearance.) In this living-room floor lamp, a pair of horizontal fluorescent tubes are added under the shade, to use with the main, diffusing-bowl for difficult eye tasks. Tubes show needlework colors in their outdoor tones. No. 77123, bronze with silk shade, \$39 plus \$1.50 each for fluorescent tubes. Mutual-Sunset Lamp Mfg. Co., Empire State Bldg., New York.

10 This long-burning, decorated *candle*, shaped as an Easter egg, is softly glowing, translucent, non-drip. Orchid, yellow, or white; 5½-inch size, about \$1; 3¾-inch, 75c. Muench-Kreuzer Candle Co., Inc., Syracuse, N. Y.

11 What fun to deck eggs with gay Easter decal transfers! Just a dime for a sheet of 25 ducks, chicks, and bunnies. Dip in water, slide them off the paper onto the egg. The Meyercord Co., 5323 W. Lake, Chicago.

► Alfred Hottes finds that Sterling Patterson's grand new book, "Be Your Own Gardener," gives practical, how-to-do aid, encourages our gardening rightly because it tells the why-we-do, makes garden rules seem so reasonable; and that it mixes practical pointers with inspiration—recognizes gardening as our opportunity for an adventure in beauty creation. \$2.50 in stores. Harper & Brothers, 49 E. 33 St., New York.

► Perhaps your nurseryman has the tree that produces large, juicy pears, seedless and coreless! *Cope's Seedless*; 3- to 4-foot tree, \$1; or plus 20c from Seedless Pear Nurseries, Inc., Salem, Ohio.



Better Homes & Gardens

APRIL 1941

10



See Inside — Color Photographs
of This Room Furnished Four Different Ways

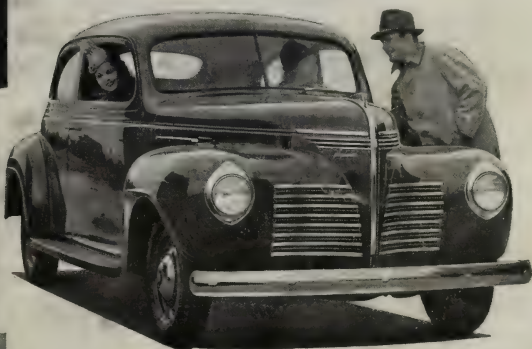


You See at a Glance Which Car is *Best!*



ONE → See the 1940 Quality Chart. It gives you the important facts on car size...comfort...safety...economy and fine engineering features.

TWO → Take Plymouth's thrilling Luxury Ride. You'll discover utterly new riding and driving enjoyment.



"ONE-TWO" WAY TO PICK THE BIGGEST CAR VALUE

1. SEE THE QUALITY CHART
FOR FACTS...

2. TAKE THE LUXURY RIDE
FOR PROOF

**OF 22 IMPORTANT
FEATURES FOUND IN
HIGH-PRICED CARS**

*Plymouth has 21.
Car 2 has 11.
Car 3 has 8*

It's EASY to see what each of the low-priced cars gives you—easy to realize why this new 1940 Plymouth is such a sweeping success!

High-priced cars resemble each other on 22 important

features. And Plymouth is the only one of "All 3" low-priced cars that gives you a majority of these features.

In size, comfort, safety, long life...Plymouth is most like the high-priced cars.

See the 1940 Quality Chart at your Plymouth dealer's. Then take Plymouth's Luxury Ride to discover new riding enjoyment. Plymouth is *easy to own!* Plymouth Division of Chrysler Corporation.

BUSINESS MEN: See the new, low-priced Plymouth Commercial Pick-Up and Panel Delivery.

TUNE IN MAJOR BOWES, COLUMBIA NETWORK, THURS., 9 TO 10 P.M., E.S.T.

1940 PLYMOUTH

COUPES \$645 | SEDANS \$699
START AT | START AT

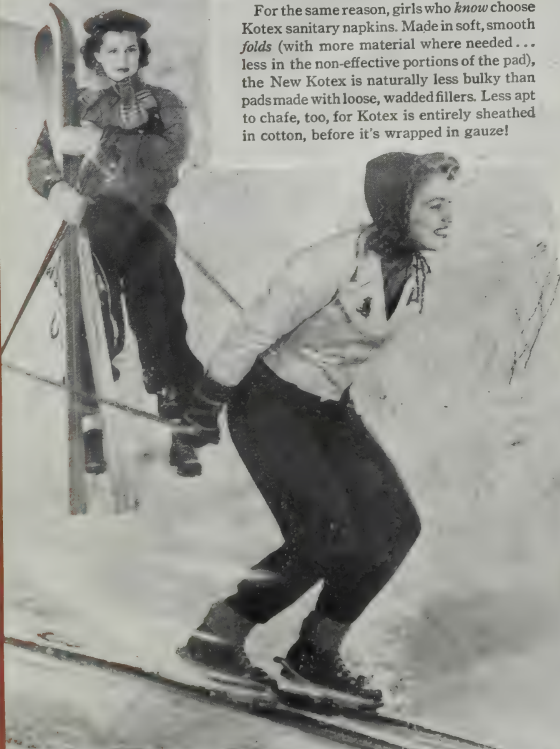
—Delivered in Detroit, Mich. Prices include Federal taxes. Transportation and state, local taxes, if any, not included.

PLYMOUTH
BUILDS GREAT CARS!

It's a "Green" Girl...

... at winter sports who bundles up in clothes as thick as a mattress! Those who *know* wear outfits that aren't hampering... choose clothes expertly designed to protect, without being bulky!

For the same reason, girls who *know* choose Kotex sanitary napkins. Made in soft, smooth folds (with more material where needed... less in the non-effective portions of the pad), the New Kotex is naturally less bulky than pads made with loose, wadded fillers. Less apt to chafe, too, for Kotex is entirely sheathed in cotton, before it's wrapped in gauze!



To guard pearls and pins—some smart person designed the modern safety clasp... And to guard your peace of mind, the makers of Kotex now put a moisture-resistant panel between the soft folds of every Kotex pad! Then... to eliminate tell-tale bulges... Kotex gives you tapered, pressed ends! Think!... No thick, stubby ends to make embarrassing outlines! Kotex ends are invisible (and patented)!



Kotex* comes in 3 sizes, too! Super—Regular—Junior. Kotex is the only disposable sanitary napkin that offers you a choice of 3 different sizes! (So you may vary the size pad according to each day's needs!)... All 3 sizes have soft, folded centers... flat, tapered ends... and moisture-resistant "safety panels." All 3 sizes sell for the same low price!



*Trade-Mark Reg. U. S. Pat. Off.

FEEL
ITS NEW SOFTNESS
PROVE
ITS NEW SAFETY
COMPARE
ITS NEW, FLATTER ENDS

"You scarcely know you're wearing it!"

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More Than 2,000,000 Circulation

Furnishing and Beautifying Your Home

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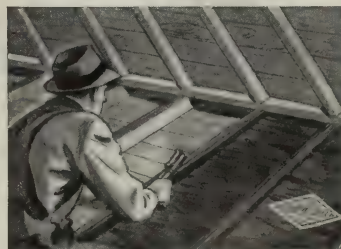
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The Lifetime Insulation

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GUARANTEED SATISFACTION WITH BALSAM-WOOL—AT LOW COST—FOR THE ATTIC OF YOUR PRESENT HOME

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Gentlemen: Please send me information on Balsam-Wool for

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Above: Concrete home at Port Chester, N.Y.; Werner Gottschalk, architect; Aldon Estes, builder.
Below: Home at Rumford, Rhode Island; B. S. D. Martin, architect; Earl W. Taylor, builder.



"Castles in Spain"—

any size—are both lovely and practical when you build with
CONCRETE

When you finally build that "Castle in Spain"—your dream home—be sure that it is *structurally modern*. Sticking doors and windows are a nuisance though they look out over Paradise . . . and unexpected repair bills put quite a damper on romance.

The answer is *Concrete walls, floors and foundation*. Staunch concrete protects against these costly annoyances and gives you a beautiful, comfortable home—warm in winter and cool in summer; proof against fire and storm, termites and decay; and low in upkeep!

Concrete fits your budget
Yet concrete adds little if anything to your monthly payments. Depreciation is slow,

insurance rates frequently are lower and resale value is high. That explains why concrete is the fastest-growing type of home construction with more than 45,000 new houses built in the past four years.

Concrete offers a wide choice of colors and textures, is adaptable to any architectural style. Concrete floors take any covering.

HERE'S HOW TO GET A CONCRETE HOME

Ask a Concrete Contractor or Concrete Products Manufacturer (see phone book) for names of architects and builders experienced in concrete.

Write us for free booklet of attractive house design ideas. Remember, any type of home is a better home with concrete.

PORTLAND CEMENT ASSOCIATION
Dept. A4-9, 33 W. Grand Ave., Chicago, Ill.

A national organization to improve and extend the uses of concrete . . . through scientific research and engineering field work

ACROSS THE Editor's Desk

REG. U. S. PAT. OFF.

SPRING is the one season of the year that we are all prone to hurry along in its coming. Autumn we accept. Winter we endure and make the best of, once it enfolds us. Summer creeps upon us while we are too busy to take note. But we wait for Spring, and watch for it, and read into the first sign of relaxing Winter a forecast of early buds and lovely blossoms.

"March," we tell ourselves, "is the first month of Spring, with April close behind and May just there in the offing." Yet we know full well that the first three weeks of March are still a time of days foreshortened; that the vernal equinox does not come until March is almost ended. But we are cheered in the happy delusion by the ruby gleam of a cardinal's wing in the leafless woodland, by the first upthrust of green in the swamp where skunkcabbage lives its own cycle of perversity. We want Spring to come; that's the simple truth of the matter. We are weary of Winter.

SO WE LISTEN AT SUNSET—and how swiftly that March afternoon wanes into evening!—we listen for the first hesitant, quavering frog-note from the marsh. And we listen at dawn for the sun-greeting of the song sparrow in the still-gray apple tree in the garden. We listen, and we feel the frost leaving the ground underfoot, as it is already leaving the bones within us, and we wonder how soon the bloodroot will be thrusting up in the woodlot. We look hopefully for crocus in the south lawn.

Hopefully: that is the word. Our hopes spring up and greet the slowly nothings sun and bid it welcome. For there is work to be done, and only the sun can do it. The world has been resting, gathering strength, waiting for the time to put forth leaf and flower and fruit once more, and now it needs only the sun's bidding and reassurance. It is ready for Spring's arrival.

FOR SPRING IS MORE than a matter of days or weeks. Spring is the beginning of a new cycle of life, not alone for seed in the soil, but for the soul in man. It is a rebirth of faith and understanding, a never-ending proof of immortality for that mysterious force we know as life. For a season the seed, the root, the bough were dormant; yet now they flourish again, and new seed, new root, new bough are in the making. We saw a lifeless landscape, and now it teems with life. Surely we cannot mistake its meaning.

Nor can we well afford to overlook the stirring deep within ourselves. Hope, too, revives. Vague hope, perhaps, but hope unmistakable; a confidence that change is inherent in the scheme of things. No ill season lasts forever, either in the affairs of Nature or of man. Somewhere ahead, on some calendar of events, lies the time when Winter ends and the fruit of every fallow season of discouragement unfolds itself in vernal beauty of new accomplishment. Out of the withered leaves of yesterday will spring tomorrow's harvest.

SO WE ARE BUT OBEYING the universal urge when we watch the warming sun with hopeful eye and search the fields too early for springbeauties. Spring is there just ahead of our impatient hope and lagging calendar, Spring with its hepatica and its spicebush blossoms and its violets. We are already a part of it; that is all. We are weary of waiting. Our own sap is rising and our fingers are eager for the touch of warm, sweet-smelling loam. Give us a spade or a garden fork and you will soon see how thoroly we believe in Spring. But best of all—seeing how soft our Winter-pampered palms appear to be and how unyielding is the frosty soil—best of all, give us Spring itself!

Editor

Here's your new Frigidaire

IT'S BIG
IT'S BEAUTIFUL
IT'S A BARGAIN



America's No. 1 Refrigerator Leads Again!

with **NEW** Design!

NEW Convenience Features! **NEW** Low Prices!

They inherit a proud tradition, these Frigidaires for 1940... they carry a title to leadership proven by more than 5,000,000 Frigidaires already purchased. They're authentic beauty winners—as glamorous as a world-famous designer could make them—beauty-built to last a generation. And, more important still, they keep food safer and freeze ice faster at lowest operating cost in Frigidaire history!

See what makes them such great, big, beautiful bargains. See their great new features now available in even the lowest-priced

models! See the dozens of appealing advantages at your nearby Frigidaire Dealer's "Proof-of-Value" Demonstration.

FRIGIDAIRE DIVISION
General Motors Sales Corporation
Dayton, Ohio...Toronto, Canada

**New FRIGIDAIRE COLD-WALL
MODELS at New Low Prices!**

Frigidaire's Cold-Wall Principle, already proven by the experience of thousands of enthusiastic users—is now available at lower prices than ever before. This new principle, by cooling through the walls, saves precious vitamins in foods—preserves the freshness, flavor, color days longer. *And you don't even have to cover food!* Ask your Frigidaire dealer for a Cold-Wall demonstration.

A WORD OF CAUTION

Some stores may use the name "FRIGIDAIRE" loosely to identify other makes of refrigerators and thus confuse the public. Don't be fooled! If a refrigerator does not bear the "FRIGIDAIRE" nameplate, it is NOT a FRIGIDAIRE and will not offer the advantages set forth in this advertisement.

FRIGIDAIRE is the trade-mark of the refrigerator manufactured by the Frigidaire Division of General Motors—world-wide leaders in the refrigerator, range and motor car industries. Be sure the store you go to sells FRIGIDAIRE, made only by General Motors.

See why FRIGIDAIRE is a Better Buy!



Double-Easy Quickcube Trays come loose and cubes pop out instantly. No hacking, no melting under faucet. Greatest ice convenience ever offered—now in every tray in every model.



Glass-Topped Food Hydra-tors guard freshness of fruits, vegetables, perishables so amazingly you actually see dewy moisture on the glass covers. Preserve color, flavor, for days longer.



New Stainless Chromium Shelves dramatize the beauty of every Frigidaire interior with bright, mirror-smooth luster. Rustless and sanitary. Stay new for years. Cleaned in a jiffy.



Extra-Large Meat Tender slides out like a drawer. Saves food dollars every month by properly protecting all kinds of meat and fowl. Also stores 100% extra supply of ice cubes.



One-Piece Steel Cabinet built to last a generation, seals in the insulation and prevents "water-logging" that destroys cold-keeping efficiency. Easiest of all cabinets to keep clean.



Meter-Mixer... simplest cold-making mechanism ever built. Self-oiling, self-cooling. Silent, uses less current than ever. Exclusive F-114 Refrigerant, safest ever known!



Buy the Favorite
Buy Frigidaire



Garden Roses and Celosia,— one of a series of flower arrangements illustrated and diagramed in the book offered on this page. •



The Six-Bottle Carton

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There's charm in ice-cold bottles of Coca-Cola . . . and it's so easy to serve the bottles ice-cold. Just be sure to pre-cool them in your refrigerator. And remember, it's easy to buy Coca-Cola,— in the six-bottle carton, from your dealer.

Learning to live the modern way ...the brighter way

Even the most modest home can breathe a wholesome atmosphere of brighter living. Flowers have a happy way of making home the welcome place for all the family and its friends. And in this pleasant scheme of things fits ice-cold Coca-Cola. With ice-cold Coca-Cola in the home there's always a moment for *the pause that refreshes*. Guests welcome its life and sparkle...its pure, wholesome, delicious refreshment.



Get this beautiful book

• "Flower Arranging" by Laura Lee Burroughs contains 48 exquisite color reproductions of flower arrangements and many practical suggestions on this rapidly growing and fascinating art. Send your name and address, clearly printed, enclosing ten cents (coin or stamps) to cover cost of handling and mailing, to The Coca-Cola Company, Atlanta, Georgia, Dept. B.

Little Miss Grown-up

*The Whole World Turned Gay—Little Miss
Grown-up Is Baking Today*

Kitchen So Cheery—



Little Miss Grown-up is baking today,
Rolling her dough in the up-to-date way



Pinching and punching and pressing it flat,
Giving each handful a motherly pat

With a bright cutter she models the size
Of what she labels "Her special surprise"

No need to question—the lady won't tell—
You'll have to guess by the oven sweet smell

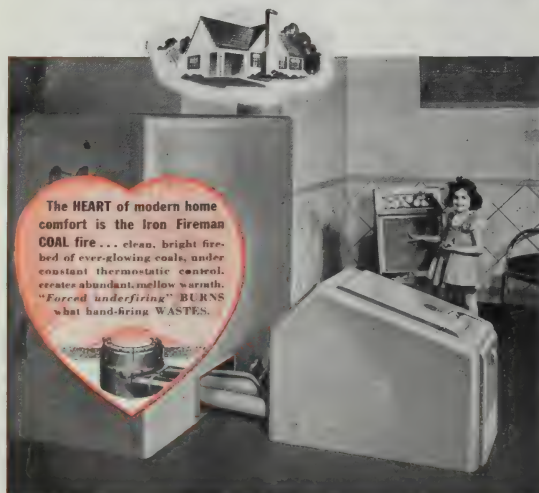
"In case of failure," says mother's new cook,
"It's always the fault of the recipe book."

—Marguerite Gode

Photographs by John Barry



Announcing Iron Fireman FOR THE Small Home



Now ANY size home can enjoy this self-firing, self-regulating COAL heat

Iron Fireman-quality heating—the type of heating found in so many fine homes and estates throughout the United States and Canada—is now brought to the average family! The new Automatic Coal Burner shown above is designed and built to Iron Fireman's high standards, yet priced for the small home. Install Iron Fireman now, and you will gain these four ways:

Steady temperature day and night, regardless of weather. . . . You get up in a warm house. Sleep a half-hour later! No fires to build; no grates to shake. . . . **No more furnace drudgery.** Quit running up and down stairs all day long to "nurse" the furnace. . . . **Cleaner house.** No messy fire-building. Fire burns so efficiently that smoke nuisance is prevented.

Wait no longer for Automatic Heat

—now as low as

\$179⁵⁰

(Unit Price \$220)
(plus freight and installation). Terms as low as \$5-93 a month. Slightly higher in Canada.

Iron Fireman's low first cost is coupled with amazingly low operating cost . . . burns the lowest-cost automatic fuel—stoker coal. Send coupon for the fascinating story of one family's experience in learning how to get better heating for less money.

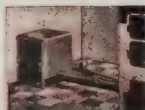
IRON FIREMAN
Automatic Coal Heating

RUSH COUPON

Iron Fireman Mfg. Co., Portland, Ore.; Cleveland, Toronto. Mail to 3312 W. 106th St., Cleveland, O.

Please send me a free copy of "Which Fuel, Which Burner."

Name _____
Address _____



COAL FLOW feeds from bin—no coal handling. Bituminous model above. Anthracite model automatically removes ash.



UNIT HEATMAKER. This modern room-furnace humidifies and circulates controlled warm air.



HEATMAKER FURNACE Circulates humidified warm air through ducts to all parts of house. Coal Flow model feeds direct from bin to fire.

THE DIARY



of a Plain Dirt Gardener

REG. U. S. PAT. OFF.

By Harry R. O'Brien

Caricatures by Tom Carlisle

April 1 On or about March 1, I did set down a long list of things to be done this month. Well, I've been fooled, good and proper. All the days of March have fled, and sad to relate, much on that list hasn't been done. There are weeds to be cleared out, both dead and green, from perennial, shrubbery, asparagus, and strawberry beds. And I want to dig over everything on the place.

So the boys and I tackled these said tasks this Saturday afternoon. We didn't finish any one, but just kept moving from one to another, so we wouldn't get too tired doing just one thing.

Then that pesky Staghorn Sumac caught my eye. What a beautiful shrub it is—the original plant I put there. But doggone it, the roots do their best to leave home in all directions and establish new plants as they go. If I didn't keep after it, the whole place would be a sumac wilderness in seven and one-fifth years.

So I turned to grubbing out the unwanted descendants of the original plant. Anybody want a start of it? If so, just stop in most any time. I can always furnish a dozen or so with the greatest of ease and shortest of notice.

April 3 Tonight in the horticultural building on the campus, our local rose club made its first spring bow by holding what we called a Spring Rose Rally. We had sent notices to the newspapers and had phoned around to invite the garden clubs and anybody else interested. Bless my soul, 160 folks came.

Our principal speaker was Lewis C. Cook, of Dayton, former president of the Dayton Rose Club, who emphasized how important it is to plant a rose bush that's No. 1 grade and well grown. To illustrate, he showed us a No. 1 plant with good bushy top and strong root system purchased from a reliable grower, and another well-nigh worthless one

done up in a fancy box and bought at a bargain counter.

Doctor Stout, president of our club, spoke briefly on how to plant and care for a rose. He said that it was foolish to dig a big space and line the bottom with gravel, stones, or cinders. This does more harm than good, he said. Instead, just see that the rose has good drainage. All that would be needed is some 4-inch tile underneath and maybe raise the bed up a few inches. Another speaker couldn't come, so Walter Burwell and I pinch-hit for him by showing some natural-color slides of ours of



"Sweet melody floating in on what I supposed was balmy air"

standard varieties and some newer ones.

April 4 This bright morning I sit alone in the house. No class work. Maggie has gone downtown, and dear me, that means she has new Easter clothes in mind. I could see the gleam in her eye as she dashed off, leaving the cat indoors and the daily milk and cream bottles outside on the steps.

I know that come first of May I'll get a little memorandum of it all from the big store downtown. So it seemed best that instead of going down to the think-factory (Ohio State University) to read student news stories, I stay home and try to write a piece for a magazine.

Yet outdoors the sun is warm. Scads of work to do. Doggone the magazine piece. Think I'll get me a bite of something cold from the refrigerator and get busy out there. See you later—

(Night)—Peonies caught my eye first, so with a hoe I pulled off the mounds of soil that I had heaped over the newly planted ones last fall as winter protection. Tried my hand at spading. Bit too wet. One more day of drying will do the trick.



"Prune branches off lawn trees that hang too low"

April 6 Rain last night. This afternoon sky was dark. Air chilly. Ground soaked. All I could do was prune branches off lawn trees that [Turn to page 124]



We punched it full of holes, *to make a stronger wall*

WHEN we first started punching holes in Rocklath, the fireproof plaster base, some people found it hard to believe that holes would produce a stronger wall.

But it's true! Perforated Rocklath holds plaster in two grips instead of one—that's why it makes a stronger wall or ceiling. It's "riveted" because plaster is anchored through the holes in the Rocklath. It's "welded" because of the natural bond between the plaster and the Rocklath. Walls and ceilings built with USG Per-

forated Rocklath and Red Top Plaster are smooth, durable surfaces. Perforated Rocklath does not warp, buckle or pull away from the plaster. It eliminates "lath streaks." Perforated Rocklath is *fireproof*. Tests show that a Perforated Rocklath partition, properly plastered, will hold fire at bay for at least one full hour!

Perforated Rocklath is an outstanding example of the application of research to home construction by the United States Gypsum Company. Like many other

materials developed by USG, it gives homeowners better building, more fire protection and better walls and ceilings. Other important USG developments are resilient plastering systems, which reduce sound transmission between rooms and prevent cracks from frame movement.

USG materials are sold by lumber and building material dealers. Ask your dealer to secure for you USG's books "*How to Modernize and Make It Pay*" and "*How to Have the Home You Want*" or mail coupon.

UNITED STATES GYPSUM COMPANY



-where research develops better, safer building materials

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Dept. 50, 300 West Adams Street, Chicago, Illinois
Please send me a copy of "*How to Have the Home You Want*" (). "*How to Modernize and Make It Pay*" ()
(Enclose 25c in coin or stamps for each book you want)

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Address.....

City..... State..... 1-BHG-4

The QUESTION Before the House

REG. U. S. PAT. OFF.

Johns-Manville



Asbestos shingles, grained to simulate wood, provide an enduring, fireproof, and handsome sidewall finish. With the butts laid to a slightly uneven line, texture and beauty are effectively increased

A department of answers to building, remodeling, and home-maintenance questions

By John F. Carter

new Tear-Easy ScotTOWELS

SAVE WASTE
SAVE TROUBLE
SAVE YOU MONEY



FIRST again in service to women . . . first to give you roll tissue towels for your home . . . first to seal them against dust and germs . . . first in absorbency, in cloth-like stretch.

And now the new money-saving Tear-Easy perforations make ScotTOWELS a better buy than ever! Each towel zips off instantly, neatly. There's no waste of towels torn in half. No irritation at towels not tearing quickly! Be one of the first to enjoy the efficient new Tear-Easy ScotTOWELS! No increase in price!

**YOUR DEALER IS NOW
FEATURING THESE NEW TEAR-EASY SCOTTOWELS**



No nasty cloth to be scrubbed out when you're through! You use an absorbent, Tear-Easy ScottTowel



Cleaner, sudsier dishwater—no ring to scour out of your sink—when you scrape plates first with an ab-

Wall Lights Easy

We have old-fashioned ceiling lights; we desire side lights. Can these be installed in a house already built?—Miss Harriet Farquhar, Colville, Wash.

It's not hard for an electrician to enter the attic and drop wires to given points in sidewalls for such lights as you require. While doing this, have a number of receptacles placed at various points in the baseboard so that you may enjoy several scattered lamps, and have places for connection of vacuum cleaners.

Cure Squeaking Floors

About one in three of our floor boards squeaks. What is the cause and how can it be remedied?—A. G. Moore, Washington, Pa.

The joists or sub-floors into which the nails were driven have shrunk slightly and let loose of the nails, and the squeaking is caused by a slight up-and-down movement of those nails. Remedy: re-nail thru the face of the floor at the point of squeak, and fill the new nail holes with a wood-patching preparation.

Cockroach Remedy

Cockroaches are laying siege to our house. We destroy them rapidly, but there's a never-ending new supply. How can we keep these pests out of the house?—Frances Jones, Ogden, Utah.

Cockroaches commonly invade homes from the sewer. Block the basement drain entrance by keeping the trap, which is similar to the trap under the kitchen sink, filled

with water. Unless periodically replenished, the seal evaporates. There are automatic seal valves on the market, too. Ask your plumber about them. Also get a cockroach powder to discourage the crawlers already in the house and possibly breeding.

Installing Extra Shower

We have a long narrow closet downstairs and plan to install lavatory and shower. Will a concrete floor for the shower be effective?—Mrs. Roy D. Mosier, Kent, Ohio.

A concrete floor certainly can be made effective by having sidewalls also of concrete for 6 inches of height. Slope floor to center drain; use a wooden slatted false floor to stand upon. The sidewalls may be of tile or one of the fiberboards which simulate tile in any color to suit. Widely used also are specially made shower cabinets. They come fitted with all plumbing fixtures, and are easily installed by a plumber.

Baseboard Mildew

Mildew is collecting on our baseboards, and sometimes water runs to the floor. The house is of solid brick wall. Please advise remedy.—Mrs. G. C. Grenier, Taunton, Mass.

A very common occurrence during colder days. This is strictly a case of condensation of the moisture from the air of the room, and at the lower part of the room condensation is greatest. The cause is lack of insulation. As an expedient, ventilate the house frequently.



Red trim on the upstairs windows makes a styling touch which adds distinction to this Dutch colonial home

"We worked hard
to buy our home!"

— so we're giving it the proven
protection of Dutch Boy™

Does your home represent years of
planning... saving... and sacrifice?

Then Dutch Boy is the paint for you!

A paint you can buy with complete
confidence that you're going to get a
long-lasting, money-saving job. Dutch
Boy White-Lead will not crack and
scale — will not let you down.

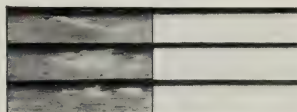
Of course, no paint wears forever
— not even Dutch Boy. But when you
finally do repaint over a Dutch Boy
job, you avoid costly "extras." (See
photographs at right.)

Your painting contractor special-
izes in making old houses look new.
Call him today—and have the pleasure
of seeing your home sparkle with

bright new paint. With Dutch Boy your
painter can give you a beautiful white
or any other color you need to style
your house in the modern manner.

Want to make yourself a smart paint
buyer? Then send for and read our
booklet, "So You're Going to Paint"
— with 52 illustrations in color. Free,
of course. Mail the coupon today.

NATIONAL LEAD COMPANY: 111 Broadway, New
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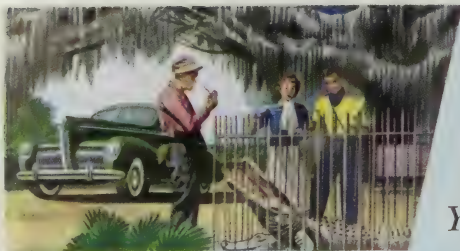
LOW-GRADE PAINT
"Quitting" already —
after only a short period
of service. Right after
this picture was taken,
the paint had to be
burned off at a cost of
\$60. Owner was also
forced to pay for a new
priming coat — expense
he never figured on.

DUTCH BOY
Four years old and still
in excellent condition.
House in same section
as low-grade paint job.
Not a sign of cracking
and scaling. And at
\$60. Owner was also
forced to pay for a new
priming coat — expense
he never figured on.

NATIONAL LEAD COMPANY
Dept. 350 (See list of branches at left)

Please send me your free booklet, "So You're Going
to Paint," containing color scheme suggestions and
practical advice on interior and exterior painting. Also
give me information on the Dutch Boy Easy Payment
Plan with FHA terms.

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ENJOY FLORIDA WARMTH inside your Nash. Uncanny Weather Eye System keeps you free of drafts, dust, cold . . . pours in a balmy breeze of fresh, conditioned air. Nash's 99 H. P. manifold-sealed engine gives you same smooth power and flashing starts, winter or summer.



BE A VAGABOND on week-ends and vacations. Convertible bed in the rear holds two, cuts touring costs. Long cross-country trips are easier with Nash's amazing Arrow-Flight Ride. It's a better buy because our \$45,000,000 resources are concentrated on one make of car.

You're only Human After all

YOU THOUGHT you were old, and beyond those things — when *zingo!* You lose your heart on the first day of spring!

It's the wink of chromium that undoes you. You look—and it's a Nash—with such flash and dash, joy and life packed into its eager frame—that it can't wait, and neither can you!

Next thing you know, you're grabbing your hat. For just one engine in the world has that "fire-on-four-wheels" feeling—it's Nash manifold-sealed power.

Then—what about this swift, silent pace you're setting? Surely that's no conventional third gear. And you're right—you're in a *Fourth Speed Forward*.

But wait—nudge the throttle a little harder. That new Automatic Overtake makes you think you've hooked on to a comet!

If the air feels warmer, fresher—don't give Nature the credit. It's that new Nash automatic Weather Eye up front, making and maintaining weather to order.

Suddenly—you want to yell

"whoa"! A stretch of washed out road ahead! But—like oil on troubled water—Nash's new springing magically irons out a glassy-smooth course.

You never felt such eager response. You can turn it on a quarter . . . stop on a dime . . . aim it like a rifle to the spot you want to go.

It's then you know—that you and a Nash were made for each other!

Here's the beginning of a beautiful friendship . . . good for the best 100,000 miles of a man's life.

For a Nash is *built* that way . . . with a *seven-bearing* crankshaft (instead of 3), a *double frame* . . . 300 to 400 more pounds of *finer* steel, for safety and long life. That Nash below is the 1940 economy champion in its class (Gillmore-Yosemite Run—23.76 miles to a gallon.) Drive it—see how young you *really* are!

LOWER PRICES: from \$795—delivered at Factory! 4-door Sedan (below) \$875, includes Standard Equipment, Federal Taxes, White Sidewall Tires, Weather Eye, Rear Wheel-Shields, Fourth Speed, optional extras.

\$795



You'll be Happier in a **NASH**

Prune Your Way to a Better Lawn

Unlimbering your pruning shears to open up encircling shrubbery borders is exactly what this lawn doctor prescribes

By J. F. Fonder

Richard Averill Smith

I'M A lawn doctor. I get around and I see a lot of sick lawns. I see so many of them I sometimes get sick myself. For they're pretty ratty.

"What's wrong with that lawn?" the people say. "What's wrong I can't grow grass, just plain old green grass?"

"Mmmm-m-m-m," I say, and start glancing around at the trees and shrubs.

This makes them impatient. "No, no! The grass. I've fed it. I've reseeded it. I've sprinkled it. I've bought special mixtures for shade. Two years ago I hauled in new soil. And do I have a lawn? Look!"

I see dozens of these lawns. I talk with owners who've conscientiously tried to build a thick, rich turf and come out with only half-hearted results.

WHEN damage comes to the well-maintained lawn it's harder to find a reason than it is with the neglected lawn. But it can't be doubted that there's a cause. Importance of the soil as the seat of all evil has been emphasized so much there's a tendency to look only at it. But one must look further.

One trouble is our failure to recognize how completely grass is affected by the trees on or around the lawn, the shrub and other border plantings, and, frequently, buildings. These cast shade, reflect heat, restrict air movement, increase humidity, compete for soil food and moisture, and perhaps affect grass in other ways we don't yet recognize.

In shaded areas sowing "shady" seed isn't enough. Shade grasses are merely "shade-tolerant" and won't grow without some sunlight or produce as good a lawn in a shaded section as can be developed where sunlight is abundant.

USE the shady seed, of course. But as much as possible, *reduce the amount of shading*. More or less severe thinning of individual trees and removing some of the lower branches may be all that's needed if the trees are spaced far enough apart to permit early-morning and late-afternoon sun to reach the lawn. If the trees are close together, it's sometimes possible to benefit both the lawn and trees by removing misshapen, damaged, or badly crowded individuals. I frequently encounter persons who profess such love for trees that they won't permit them to be trimmed and certainly not removed, even tho they're not good trees and may be damaging other more beautiful specimens. This is foolish. It's better to give a few fine trees every opportunity to develop their beauty than to have a [Turn to page 125]



To insure a good lawn, trim the trees; cut low branches so early-morning and late-afternoon sun reaches grass. Leave grass 1½ inches long; short-clipped grass becomes thin and a prey to weeds. When you water, soak, don't sprinkle. Make grass struggle a little to develop roots

It's fun to play hide and seek in the shrubbery, but when you're tagged IT by a blinded motorist, it's time to quit fooling around

Notes on Planting

LITTLE JIMMIE THOMPSON got his picture in the paper last night. Did you see it? On page three. Good-looking kid. Curly black hair, laughing eyes, a grin as big as a slice of watermelon. Nine years old, the paper said. But that picture, of course, was taken before it happened.

The story wasn't much—just the usual thing. Alfred Hitchcock was the motorist. He wasn't to be blamed. "I couldn't see the boy coming behind the shrubs until he shot out of the driveway into the street."

... It isn't only Jimmie. It happens all over—to little sisters, to fathers and mothers, to grandfathers and grandmothers. There's a moment of blinded vision, the shriek of tires ... and tragedy.

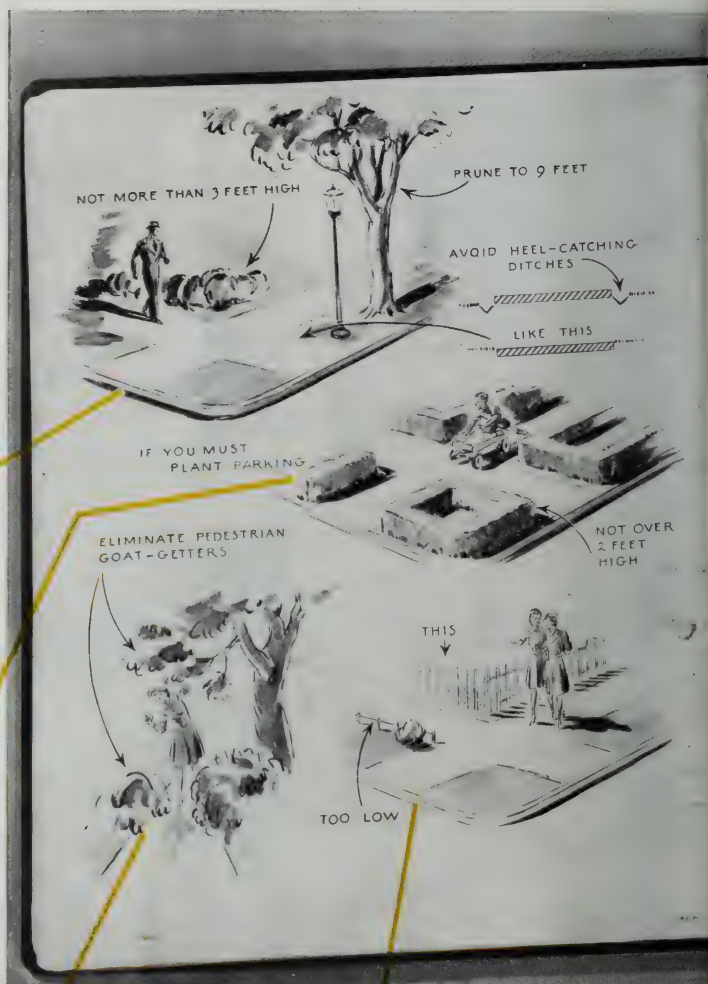
No Limbs Below Nine Feet: Of course you want to plant your front yard. A trim front yard makes a better impression than half a dozen gardens hidden behind your house. There are things you can do in planting to help make your street safe, too. Lots of things.

Be sure there are no limbs trailing below the dangerous nine-foot level to cut off vision. Trim branches clear of the street light. Of course, the best thing to do is select trees that stay where they belong in the first place. Remember that when you plant. Choose symmetrical, disease-resistant, long-lived trees with strong branches that don't hang down in heavy winds and that don't shed messy pods or flowers. It's almost impossible to go wrong with the American or Moline Elm if they grow at all in your section.

No Hedges Over Two Feet: Don't plant great masses of shrubbery at the corners of your drive. See and be seen. If you live on a corner, plant something that the motorist can see over, like a velvety lawn. If you must plant shrubs on the parking, make it a formal hedge that can be kept sheared down to two feet or less, so it can't hide children.

Great originality along the public way is as out of taste as wearing a negligee on the street. Save your tricks and frills for the garden boudoir behind the house and leave the street simple and workmanlike. Provide shade overhead and a walk underfoot, yes, but be chary about tossing in such extras as hedge or fence.

Try to create a uniform effect on both sides of the street within the same block—or better yet, along the whole street. A conclave over a cup of tea on someone's front



porch can easily settle the momentous question of what tree and what treatment will be most effective and suitable for your street.

Shun Snaggers and Lashers: Don't plant goat-getting stocking-snaggers and face-lashers beside the walk. Large shrubs near the walk thrust their branches out to whip twigs and raindrops on the unlabeled pedestrian. Women first learned really to swear when they had their stockings snagged by thorny shrubs that came too close to the public walk. Those shrubs so tiny when they came from the nursery grow just as fast and gangly as our children. To save much trim-

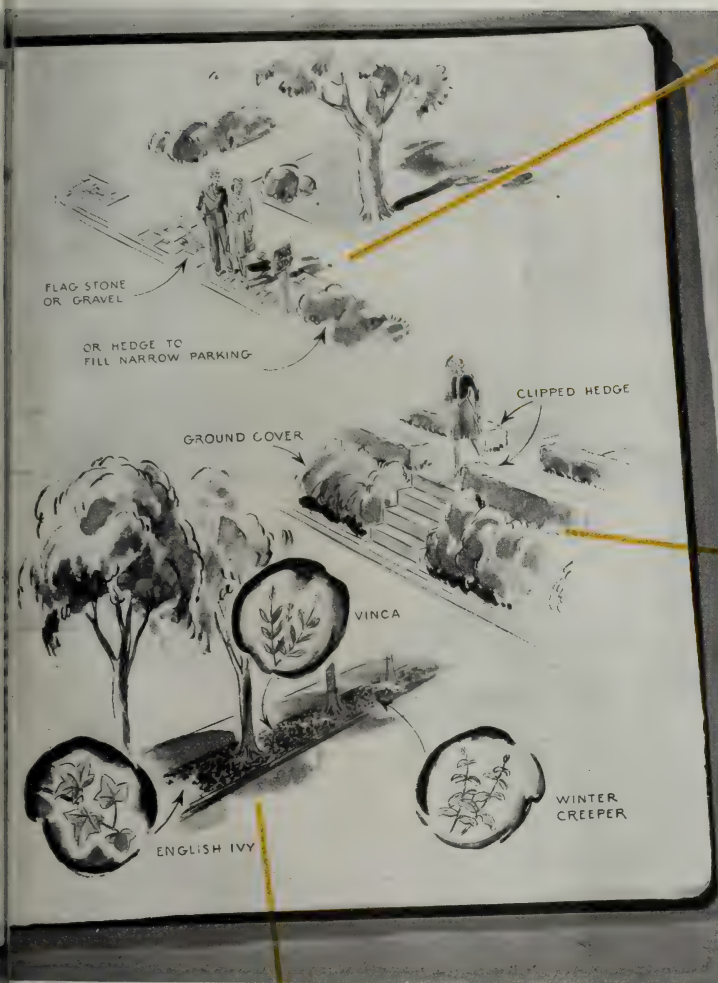
ming set them farther from the walk than you desire at first. Time will close the gap.

Avoid Tripper-Uppers: Fencing is another trouble-causer. If you perch a two-inch wooden rail precariously on stakes for a fence, you'll find countless tyro Tarzans mistaking it for a jungle gym. This is bad enough, but for deep-dyed villainy I nominate the wretch who puts up a single strand of wire. In darkness it's a perfect snare over which to stumble to a goal of skinned shins, wrenched backs, and pushed-in noses.

How much more pleasing and safe and sound to put up a substantial wooden fence,

Your Parking

By Vernon Irish



say with round-top pickets which foil young tight-rope walkers and yet are less dangerous than pointed pickets. If you must have wire, use the looped ornamental fencing and paint it a light color to protect old eyes and heedless young feet. Spare us the minor disasters of pedestrianism, at least as much as you can.

If Parking Grass Won't Grow: Covering the parking soil can often be quite a problem. The best groundcover is a good lawn well cared for. Unfortunately, with the heavy shade and poor soil we encounter under large trees, a lawn isn't always possi-

ble. But if not, there are a number of creeping perennials that substitute for grass if you'll build the soil up with extra plant food and humus and give it extra water.

Myrtle, English Ivy, thyme, or a sedum will spread into a flat mat that holds the soil well. Pachysandra grows well, too, but I personally don't care for its olive-green color in great areas. A combination often favored because of its blue flowers spring and fall is myrtle and bugle planted together. If your site is sunny, snow-in-summer will glide over it in the twinkling of an eyelash. For more variety, you can use several of these in a salt-and-pepper mix-

ture: sedum, thyme, rockcress, candytuft, houseleek, speedwell, seathrift, winter-creep-er, periwinkle, and Moss Philox.

One abhorrent trick often tried is the planting of annuals in the parkway. It's a pretty show in summer but a sorry mess in winter. Don't do it.

For Steep or Walked-on Parkings:

If your parking is a bus-loading station or is abused by similar heavy traffic, it's sometimes well to spread crushed stone neatly in a porous layer underneath the trees. Better yet, lay flagstone with sod joints.

If your parking is very narrow, you can put in a low hedge that fills the whole width. Or if even this low hedge is dangerous in your situation, pave the narrow parking with stone or brick.

If your parking is rocky or steep enough to be terraced, grass and perennials won't do. Vines are better. Best of all I like Memorial Roses for their neat, small flowers and small, glossy foliage which is so healthy and clean. The foliage soon becomes a dense, stiff mass 18 inches high. Woe betide the straying feet that march into it, for it stands guard over a steep slope constantly armed. Other good ones are Hall Honey-suckle and Virginia Creeper. The honey-suckle is good because it's so rampant in habit as well as attractive. Virginia Creeper, a large vine, does better than you might suspect. It's coarser and defenseless but its vigor and bright fall color make it desirable. Low's variety has much smaller leaves.

Hedges Prevent Tumbles: If your walk is atop a steep bank, consider hedging in both sides of it to protect people from walking off except at steps. It'll save falls and worn places in the bank.

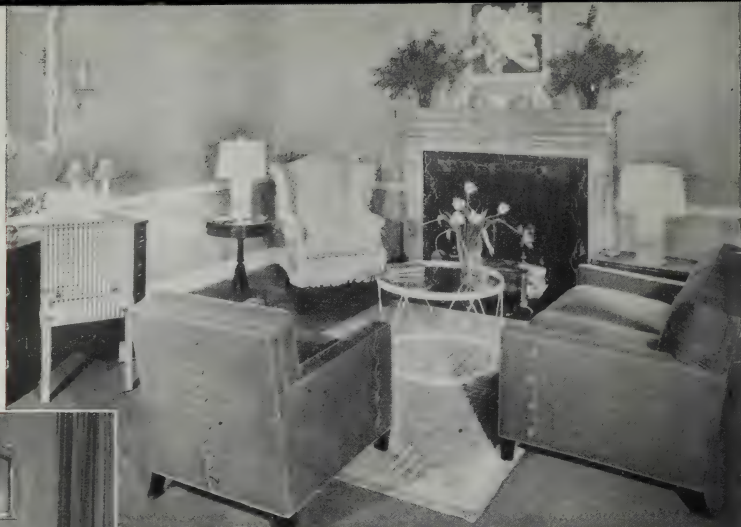
There are several good shrubs for these parking hedges. They can also be used as regular untrimmed shrubs, if you like. I suggest one of more of these: Thunberg Barberry, Red Japanese Barberry, Dwarf Barberry, Truehedge Columbarry, Dwarf Box, Slender Deutzia, Regel Privet, Lodense Privet, Dwarf Mockorange, Meadow Rose, Anthony Waterer Spirea, Dwarf Cran-berrybush, Dwarf Japanese Quince, and Tom Thumb Arborvitae. All of these shrubs stay under three feet with little trimming.

Beware of larger plants such as the California Privet and the other taller privets which require so much trimming to keep them in shape. For a hedge that meets the requirements of casual nipping try Spirea Anthony Waterer. Its rose flowers give gay color all summer in sunny spots. Where roses are plentiful I'd consider using the Fairy Rose. Its blossoms would be snatched too often except in a rose city such as Portland, Oregon. Evergreens, too, are good for a permanent effect winter and summer, altho they are costlier and need a more rural atmosphere.

Be Neighborly: Strive for neatness and simplicity in front of your home. Your front yard is to your home what clothes are to you—so plant it well and keep it trim, neat, and personable. There'll be fewer little Jimmie Thompsons getting their pictures in the paper, fewer happy little kids cruelly twisted and broken because you inconsiderately planted a shrub or neglected to trim a tree.

BETTER FURNISHINGS & DECORATING DEPARTMENT

Edited by Christine Holbrook



Curtis, New York



"Why, you fit like second skin!" is what we would say of these trim, well-tailored, slip-covered chairs and couch, with elegant scalloping, piping, and neat buttons

"Slip-cover, be smart! Be sleek and well tailored!" And this is how a living-room changed into full summer dress, why the armchairs in their flowered materials even turned their backs on the unused fireplace, the better to see the cool green and white stripe in the couch and side-chair slip-covers, their own pattern carried across the room to the wing-chair slip-cover. What a variety of good ruffle ideas, making the wing chair without one seem doubly neat in attractive contrast

Slip-cover Be

By Sue Klapper



W. & J. Sloane, J. M. Demarest

What gives a davenport that well-corseted look? Simply the choice of stripes for the slip-cover fitted to the davenport's comfortable plumpness

"My! How you have changed." Last winter your dress was a red wine velvet, and now you're so very cool and summery in your fine shaded-green striped cover

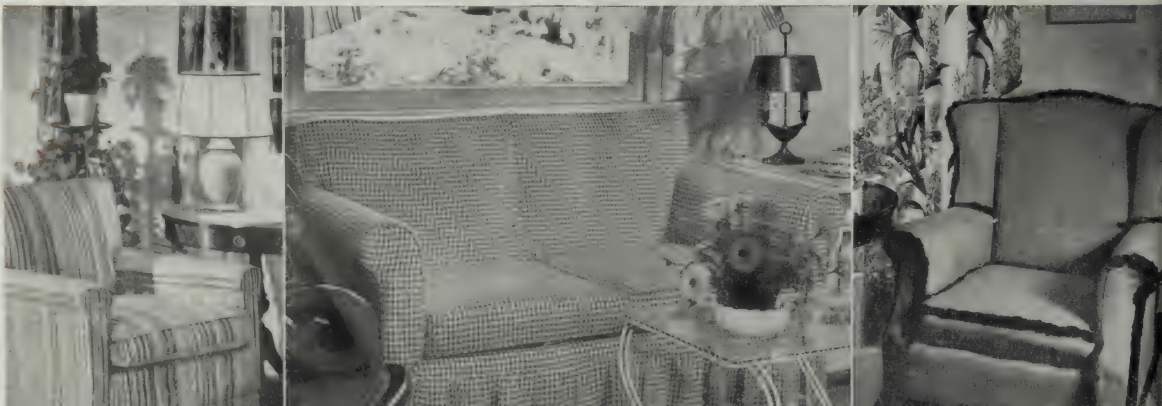
J. M. Demarest, W. & J. Sloane

"Good grooming gives you the right to a place in the well-dressed home." At least so says Miss Bernice Bruton, Los Angeles decorator, choosing this red and white checked gingham that can be whisked off to the laundry periodically

Barker Bros., Mott Studios

"So you're a slip-cover." Well, you are dressy with your flounce all on the bias. That's a new wrinkle. This comfortable chair, in the home of W. B. Brown, Jr., has just had its fifth slip-cover and selected dusty pink cotton with thick moss fringe. Its smart coloring is perfect against the green and white yucca-patterned draperies that hang beside it

Slip-cover by Barker Bros.





Lord & Taylor

Smart!

SLIP-COVER be smart! And be sleek and well tailored! Good grooming gives you the right to a place in the well-dressed home that formerly snubbed you. Remember? It won't happen again if you make your 1940 debut in a wise choice of this year's big, bright crop of especially styled slip-cover fabrics. You'll be a sensation!

"So you're a slip-cover," the dowdy old chair will shout. "My, how you've changed! Most assuredly, for the better. You'll certainly make a hit with my mistress. That lady keeps up with all the new trends. She'll be thrilled to know that beauty, fit, and utility can be combined in a slip-cover."

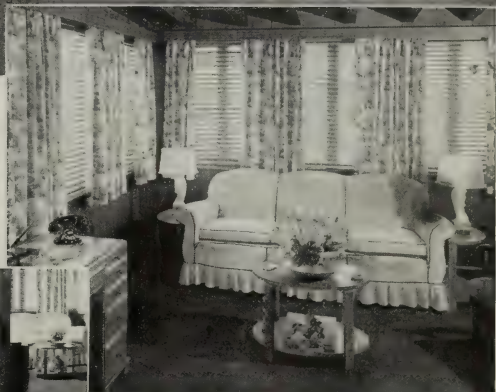
"Why, you fit like second skin! Don't blush—I like it! After all, I'm pretty proud of my lines, and you show them off to perfection. I'm all for form-fitting, custom-made attire, after those droopy, room-to-shrink affairs we've all been wearing. But I'll sure enough have to find a fabric that will fit into the decorative plan of our home. *That's* important."

"Say, how about that—don't you shrink? Oh, you're already preshrunk, Bonded or Sanforized, as you call it. Well, I'm told you wear wonderfully and you certainly have a texture and pattern that will make you a welcome guest anywhere. But do tell me what gives you that well-corseted look? Really! You're done up with patent slide-fasteners and taped snappers! That's a good point to remember."



"Do you think I'll slip-cover well? You say that I'll look as good as new, or even better, that I'll be completely rejuvenated? Well, it's certainly worth taking a chance. And they'll trim me! How do you mean? . . . Well, that's a relief! Just enough trimming to create a harmonious garment, no more and no less."

"But would you advise me to get completely covered up so the end of my kick-pleated skirt just escapes the floor? I don't want to seem immodest, but I've such well-turned legs and arms I'd like to show them off in one of the decorator types of slip-covers. That OK? Fine! By the way, is this



Mott Studios; Ambassador Upholstery Studio

↑ "Do you think we'll slip-cover well?" query this couch and matching chair in the home of Mr. and Mrs. William Cargan, of Beverly Hills, and of course they did, because, cleverly enough, their covers were made of rough natural-linen crash

♦ piped in brown to harmonize with the curtains

slip-covering time? Oh! Any time is slip-covering time. They not only 'bloom in the spring tra-la' but bloom the year round.

"Well, it looks as tho a lecture were coming, so I'll ask you a leading question: What are the outstanding highlights of this year's slip-cover style and fabric parade? Please regale me with a résumé so I can pass it on to the Missus." (*The visiting slip-cover ran on so, the editors have condensed her answer as follows:*)

Of top importance in the 1940 slip-cover fashion line-up is the increased emphasis upon washability—that is, preshrunk color fast. Color correlation in all fabrics and patterns has been further [Turn to page 52]

A MODERN

Goldilocks

FINDS A "JUST-RIGHT" BED

By Elizabeth Gilrain

Goldilocks again finds a perfect bed—but not in the home of the Three Bears. This time she's a modern young shopper searching for the just-right mattress and just-right springs in the bedding department of her favorite store. . . . In her quest she learns that there are three types of mattresses. She finds out how to recognize the importance of quality in each, and how to select the one mattress that for her will be most comfortable. . . . A bedspring that's the perfect mate for her mattress completes the "just-right" bed of our 1940 Goldilocks.



Goldilocks should be able to sit on the side of the bed without permanently waving the mattress edges

WHEN Goldilocks came to the Three Bears' beds, she found that Papa Bear's was "too hard," Mama Bear's was "too soft," but Baby Bear's was "just right." And she settled down with a great sigh of relief and satisfaction to a real night's sleep.

If Goldilocks were to start her celebrated search for the perfect bed thru the rows and rows of mattresses and bedsprings that line the aisles of a modern bedding department, she'd undoubtedly admit that the job has been considerably complicated since the Three Bears' time. In the first place, there would be about 300 different mattress and spring combinations to try out instead of

three, and Goldilocks would end up a very tired young lady if she tried to find her "just-right" bed by the trial and error method.

Besides, if Goldilocks were to come back today for a little mattress shopping, she'd certainly catch some of our modern ideas of super comfort, beauty, and practicality. She'd hardly call a halt when she came across the first mattress that "wasn't too hard" or "wasn't too soft." She'd want to know if the filling were first quality and the wire in the springs were made of highly tempered steel. She'd want to be sure that the mattress would be just as comfortable eight or even ten years hence as it is today.



She inspects the first type mattress—the metal-tied . . .



. . . and the cloth-pocketed . . .



. . . then takes a look at the two-layer mattress . . .

She'd look at the borders to see if they were pre-built, for she, like most people, would like to be able to sit on the side of her bed without permanently waving the edges. Whether the edge stands up straight depends even more on the construction of the spring coils used along the sides of the mattress. In some mattresses there are alternating rows of right- and left-hand edge springs (coils in which the wire in springs next to each other is wound in opposite directions). Sometimes the edge coils are made of heavier steel wire, or they may be ordinary coils that are attached to the side upholstery. In any case, the result is a mattress that will not develop a side sag. Neither would small things like plenty of ventilation to keep the inside of the mattress fresh and sweet, and sturdy handles to make turning easy, escape a sharp-eyed shopper like Goldilocks. And, being a woman, she wouldn't buy any mattress that didn't have a smart ticking.

THERE'S little doubt but that if a present-day descendant of Goldilocks were to shop for a "just-right" bed, she could find it, even tho many of her contemporaries often buy sleeping equipment that's a compromise with comfort at best, and a parody of it at worst.

Let's follow this Goldilocks-brought-up-to-date on her quest and see why, for her, the story has the perfect modern ending of "and she slept happily ever after."

Instead of the first Goldilocks' try-and-try-again system of finding the right bed, her modern successor will substitute information about the different types of mattresses, what each has to offer in terms of comfort and durability, and how to recognize quality materials and workmanship in each type.

Such elementary information, once mastered, can make finding the right mattress among hundreds almost as simple as finding the right bed among three.

There are just three kinds of mattresses on the market today from which any shopper

can make a choice—innersprings, solid (all-fiber) mattresses, and latex (whipped milk of the rubber tree) mattresses.

The secret of successful mattress shopping is to look at enough mattresses to know which type you want, and then to select a model within that type that by actual lie-down test fits your individual idea of perfect sleeping comfort and your purse.

WHEN Goldilocks—or you—asks to see mattresses, probably the first kind that the salesman will show will be an innerspring. The reason for this is that the innerspring mattress seemingly conforms most closely to the comfort ideal of the majority of people.

The outstanding feature of this type is the innerspring unit that provides resilience, buoyancy, and support. The individual spiral coils of every good innerspring unit are constructed so that they adjust automatically to any weight. The closely wound center of the coils sustains heavy weight, while only the more loosely wound top and bottom are brought into play when the weight is less heavy.

The way in which the spring coils are secured determines to which of the two classifications of innersprings a particular mattress belongs—"cloth-pocketed" or "metal-tied."

The cloth-pocketed type has many small light coils which are each encased in individual muslin or burlap pockets.

The metal-tied construction has larger, but fewer, coils that are held upright and together by small spiral springs or metal clips.

Both these general types of construction have found favor with many sleepers, and individual manufacturers have added their own exclusive design features to each.

Contrary to popular opinion, the number of spring coils has little to do with the comfort or wearing qualities of the mattress. Instead, this is determined by how highly tempered the wire is and how skillfully it

has been turned into coils. If the wire is highly tempered and the coil design is good, the springs will respond with great sensitivity to every movement of the body.

Even a descendant of Goldilocks will probably have no desire to master the mechanics of mattress construction, but being a particular sleeper, she certainly won't buy a mattress without first getting some idea as to what's in it and how it's put together.

This doesn't mean that an accommodating salesman should be asked to take a mattress apart, but it does mean that you should consult cut-out samples of the mattress you're considering. These are prominently displayed in every bedding department and can be explained by the salesman without involving you in needless technicalities.

If an innerspring mattress is well made, the cross-section sample will show many different layers of various materials. At the heart of the construction is the coil-spring unit. Then, both over and under this basic spring unit, there's usually a layer of some material, often sisal, covered with muslin to keep the upholstery from working down into the spring coils.

Above and below these go the layers of felted cotton, curled hair, or lamb's wool that makes the soft upholstery cushion.

Of course, all this material is new and clean, and is described as such on the manufacturer's label attached to the mattress.

IT DOESN'T take a Goldilocks to identify good tailoring and to recognize its importance to the appearance and stamina of any article that sees consistent, everyday service. A seam that's both strong and neat is just as evident in a mattress as it is in a coat, and just as essential.

On a good mattress the muslin-covered upholstery is turned under the spring unit at the sides and firmly [Turn to page 94



Four American Versions

OF THE SAME ROOM!

By Christine Holbrook

Director, Better Homes & Gardens' Home-Furnishings Department

"DEAR EDITOR: We do love ☐ Early American, ☐ Eighteenth Century, ☐ Victorian, ☐ Modern (Dear Family: Let x mark your choice!), but our living-room just isn't built that way. What can we do, without changing the architecture of the room, to work out a decorating scheme in our favorite period?"

THIS is the plaintive theme of so many letters we've received from families all over the country that we decided to do something about it. The "something" is a living-room, built with the co-operation of B. Altman & Company, which might be found in any typical American home from Maine to California. It measures 13 x 21, has the requisite number of windows, doors, and walls; the simplest of woodwork, a ceiling, floor, and fireplace. Just an unexciting, ordinary room, without a lick of personality. Even the plain wood mantel stared accusingly at us as if to say, "What am I supposed to be, anyway?"

Then we started from scratch. From stem to stern, this typical living-room was decorated, furnished, and photographed four separate and distinct times, as shown on the opposite and the following page. Each time we interpreted one of America's four favorite decorative themes with appropriate backgrounds, furnishings, and color harmonies. Look closely at these four color photographs and you'll see that not a single architectural feature has been tampered with. But would you ever guess it, if you hadn't been let in on the secret?

EACH room tells an absorbing and warmly personal story of a family that might be yours, a family with traditions and preferences that are expressed with originality and genuine charm in a truly American manner. We Americans live in a fabulous country, a land where East is West, and West is East, and inevitably the twin shall intermingle. The rock where our Pilgrim forefathers landed is only a day's swift journey by air from the sunny slopes where our Spanish ancestors dwelt in feudal splendor. The roots of our family trees drive deep into the Colonial Virginia of Williamsburg days, and into the romantic South, with its nostalgic memories of the "days before the War." The twentieth century finds us alert and sensitive to modern trends, quick to accept contemporary backgrounds which reflect our own preferences.

Early American

A room with a hospitable welcome for family and friends—where toys, mending, and "homework" are never incongruous—where Dad reads his paper and Grandmother settles down with her knitting . . . no wonder so many of us love an Early-American living-room. For the walls, we chose a blue and tan striped wallpaper, with a blue splatter-dash dado and white woodwork. The floor is linoleum in a plank design. On the floor is a hooked rug, copied in the spirit and colors of the rugs which the whole family used to hook by hand on cold winter evenings around the fire.

Simple, comfortable upholstered pieces are covered in fabrics that blend with the rug and walls. Ruffled curtains are topped with valances of red chintz with blue ruffles. The handsome pine secretary, flanked by rush-seat ladderback chairs, might have come straight from some Colonial merchant's home.

Over the pine mantel hangs a portrait which might have been of one of the family's English ancestors as a



child. Fruit prints, Staffordshire dogs, and converted oil lamps are as authentic as they are effective. Note how happily the strong colors used thruout blend to create a bright, cheerful picture. And please don't overlook the upholstery on the sofa—an enchanting reproduction of an old patchwork quilt.

Simple, isn't it? But truly an American home!

Eighteenth-Century American

The gracious tea-table, with its exquisite silver and china, sets the keynote for this moderately formal, wholly comfortable living-room. Clear yellow walls are a perfect foil for the fine mahogany furniture which is so characteristic of this period. The flowered draperies fall into pools of color against the dark green carpeting, and echo their pattern in the upholstery of the graceful sofa. A possible monotony is relieved by the Oriental throw rug.

And what a change in the fireplace! Yes, it's the same mantel, painted white, with an attractive decorative arrangement centered about a convex or "bull's-eye" mirror. The green leaves banked in the unused fireplace suggest a charming thought for summer. A long, difficult wall space back of the sofa has been well handled, and the tea-table in front of the sofa, in place of a coffee table, is a practical fashion which is becoming increasingly popular.



Pattern and color have been used so skillfully that you're hardly aware of their importance. For example, that recurring note of rose is no accident; its warmth is judiciously placed, and is the spice of an otherwise restrained color scheme.

Uncle Sam's hat of striped glass is a mischievous note, not Eighteenth Century in spirit. But isn't it nice?

Furnished and decorated by B. Altman & Company for Better Homes & Gardens





Nineteenth-Century American (Victorian)



"Heavenly day, there's Grandmother's old mirror!" And we're off to a flying start with a decorating scheme that will call up reminiscences by the score. The charm of a Victorian room is its "fussy," domestic appearance, which gives the impression that you know you have too many possessions, but can't bear the thought of parting with a single one.

This version shows the typical Vic-

torian "fussiness" well under control. The deep, two-toned wine carpet sets the theme of the room: the pink painted walls seem a reflection of its warm glow. The green leaves of the wall-paper border, outlining each wall and window, add distinction to a background otherwise cloyingly pretty.

Roses and green leaves pick up the color chorus on the Duncan Phyfe sofa (yes, he lived in both the 18th and 19th centuries) and the pink moire draperies. The window shades are made of the identical fabric which covers the sofa.

And will you please count the pictures and mirrors! They've been so cleverly grouped that they're charming without being cluttery. What a grand way to use the bookroom steps, arranged between the two tub chairs. And shades of Aunt Amelia, what's that almost hidden behind the wine satin chair? Surely not a table with a floor-length Bertha!

And because the history of a country is faithfully mirrored in the domestic lives and homes of its people, we have gradually created, from this rich heritage, four definitely American periods in home-furnishings. Each is distinctly tempered by foreign influence. But each is peculiarly an expression of American ideas, temperament, and personality.

Early American When the early pioneers in this new world hewed their furniture out of forest logs, their designs reflected their need for strong, durable, simple things to fit their daily life. A few (very few) pieces which found their way across the ocean in the overcrowded holds of sailing vessels occasionally served as models. Probably the early cabinetmakers were most strongly influenced by memories of rooms in their old homes across the sea, where firelight glowed on chests and cupboards, tables and chairs that were as familiar to the homesick Colonists as the faces of their own families. Tho crudely done, and simplified in style, the Early-American pieces which we treasure today bear a definite resemblance to similar pieces made at the same time by cabinetmakers in the Old World. Not all of these early designs are worth perpetuating. But from the best of them has come our beloved, homely Early-American period furniture, built of native maple, wild cherry, pear, and pine—such woods as journeymen carpenters found seasoning beside cabin doors when they made their infrequent visits to add to the pioneer family's supply of household goods.

As accessories, many of us can add glass and pottery, brass and pewter that have been cherished by our own families for generations. Whether you live in Arizona, Oregon, or Maine, if Early American best suits your family's design for living, have it and enjoy it as an expression of your own taste and individuality.

Eighteenth-Century American As ships crossed the ocean to America more frequently, as the struggle for food and shelter became less and less a matter of daily concern, Colonists began to send for some of their household treasures left at home, and to import furniture from the famous London cabinetmakers—Chippendale, Hepplewhite, Sheraton. Fast clipper ships sailed round the Horn with delicate Chinese porcelains, rich fabrics, and rugs from the Orient, and other prizes from the Seven Seas. American homes along the seaboard and in the Southern colonies took on a luxury which rivaled that of the Old World. But again, Americans had their own ideas about how they wanted to furnish their homes. A whole new class of craftsmen sprang up: Duncan Phyfe, the New York cabinetmaker; Savery and Randolph of Philadelphia; Paul Revere (yes, he of the "one if by land and two if by sea" saga), one of the great silversmiths of all time; "Baron" Stiegel, blower of incomparable glass—masters all, who left permanent evidence of American originality in home-furnishing designs.

A certain feeling of elegance and livability are characteristics of this great Eighteenth-Century period, revealed in the rich mahogany and delicate inlays, restrained carvings and beautiful hardware. Fabrics are richer, accessories more sophisticated. This period so consistently suits our present standards of living that it has become one of our most important and popular decorating schemes, in all parts of the country.

Nineteenth-Century American (Victorian)

After the War of 1812, America settled down to a period of general prosperity. In England, Victoria became queen and set an appealing picture of cozy domesticity that had a decisive influence on the American Scene. In the South, great plantation houses were the center of lavish hospitality. There was money to spend, and much of it was spent in home decoration—too much, usually, because rooms of this period were positively overstuffed with massive furniture, flowered carpets, heavy gilt mirrors, yards of elaborate draperies, and enough knickknacks to stock a store of respectable size. Papa wore luxurious whiskers, Mama wore whole bolts of dress goods in a [Turn to page 81

Twentieth-Century American (Modern)



This can't be the same room! What have we done to the windows? Dear Family, they're simply camouflaged. The wide sweep of drapery from ceiling to floor and from window frame to wall and mirror gives a spaciousness to the room that's in keeping with the contemporary trend. The mirrored wall over the mantel adds to the illusion of space, while the gorgeous sunburst clock and the ornamental shells

and glass figures temper its severity. Incidentally, the draperies are made of spun glass, a textile which you will hear much about during this year.

Creamy linoleum forms the background for the monotone textured rug, outlined with thick fringe. The walls, which you may have suspected were hardwood paneling, are an excellent imitation in wallpaper. Even the console piano is Modern, and its covering blends into the sophisticated beige monotone of the walls and floor. The strong accent colors of deep blue, coral, and lemon-yellow are completely Modern, and the severe lines of the upholstered pieces are softened with deep, luxurious tufting.

The one traditional note in this Modern decorating scheme is the pair of stunning Chinese figures on the piano. The art of China is dateless, and Chinese accessories are always thoroly at home in a Modern room.

Draperies Frame Your Windows With

The seventh of a series of features on furnishing and decorating your home **By Florence B.**

LAST month we studied glass curtains and problem windows, leaving draperies and valances strictly alone. So now let's round out the picture with a review of what to choose, and why, in those most important of all background features—our draperies.

Tho any window can be smartly dressed with just glass curtains and shades, there's no denying that the overdrapery is the finishing triumph, the plus which best expresses our own individuality. But never should it blare out so blatantly as to be the brass of the symphony.

There are as many possibilities in drapery selection within the confines of good taste and design and a modest budget as there are

choices of clothes for any one occasion. Probably no two of us would choose the same drapery even for the same situation, for we ourselves are so different. But all of us can guide our decisions by adhering to certain fundamentals. We'll want to consider—

Color If the room is small, an overdrapery of the same tone as the wall is a good choice. It blends the window into the background of the room, apparently increasing the wall area. But this sameness of color may lack emphasis. Sometimes, even tho a room is small, color interest created by contrast is a happier solution. There is no rule of *musts*, so take your choice as to blending or contrast-

ing, according to the results you wish to achieve.

Many times it's necessary to repeat a color note at the window to round out the color harmony in the room. Whether that contrasting color should be boldly patterned or plain depends upon the amount of pattern in the room and whether or not adjacent walls are strongly figured. If there's much pattern in the furniture upholstery, unless one of these same fabrics is repeated at the window, a plain drapery appears more restful than still another pattern. But even here there are exceptions. Often you can find a pattern sufficiently kindred in feeling as not to be too distracting. With patterned walls, one of the newer things is to match the wallpaper in an exact design reproduced in drapery material. Many of the leading wallpaper and fabric houses have joined hands in making this possible. As a general rule, however, if the pattern on the wall is a forceful one, it's less confusing if we define the windows with solid color.

IF YOUR rug's patterned, figured draperies are still a possibility, especially if the wall is of solid color. But for the average small room choose a drapery pattern that's in close harmony in coloring and design with your rug.

Even in the large room with sumptuous Oriental rugs, the hand-blocked linens and chintzes should have a kindred feeling. In other words, when you use a gently toned Kerman rug you don't want strong Jacobean linen, even tho it might be quite at home with Orientals of a strong- [Turn to page 60

Architect: Charles A. Hunter, Photographer: W. P. Woodcock



↑ Short, sill-length draperies are the sensible idea for short windows like these. The curtains are hung on traverse rods so that they can be readily drawn at night

Of course you can combine floor-length and short draperies in the one room. Here the bay window curtains are long, while the small recessed window curtains finish at sill



W. P. W.

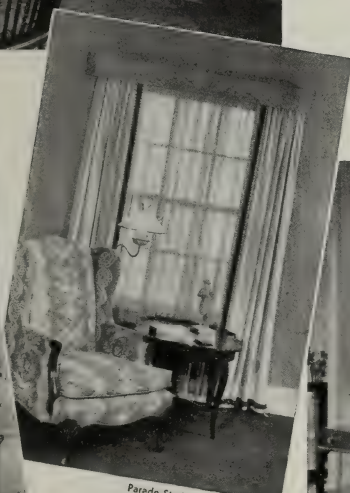
Beauty

Terhune

George D. Haight



Robert W. Tebb



Parade Studios, Inc.; Halle Bros.



Marine Drive Apartments, Chicago; Marshall Field & Co.



Clever is the modern idea of hanging generous draperies across the wall space by a window to create the feeling of much wider window space. Here a decided pattern is used because of the amount of plain color in walls and furnishings



A really charming treatment of draperies in an informal dining-room window where plants are an important feature



A cornice matching the wide wall space gives this window the distinct lowered effect. A heavy wool-fringe trimming is consistent in feeling with the texture of the drapery material. Except in the informal cottage, take your draperies and glass curtains all the way down to the floor

F. M. Demarest, W. & J. Sloane



↑ For those high, old-fashioned, narrow windows some of our homes have, a single drapery is decorative and yet allows good lighting

The window drapery reflected in the mirror is repeated in the sofa slipcover—in this case a necessity to round out the color harmony of the room

Dollars and Sense in Home Planning

By Architect Kenneth Edmunds

RIGHT now in your neighborhood there may be two houses going up with the same number and size of rooms, the same materials, the same conveniences. Yet one costs more than the other but doesn't look as inviting. If you are about to build or remodel and are therefore interested in the reasons

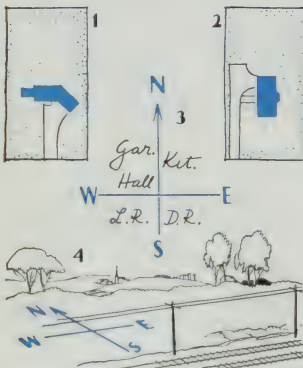
why, these two pages will give you some of them, and help with your plans.

The fine art of getting the most for your money in lot-plus-house isn't to be mastered, however, in two pages. But these diagrams and abbreviated captions outline the main considerations which affect usefulness and cost, and can guide you in building or remodeling a home both economical to erect and easy to "housekeep." How to secure a loan isn't discussed here because it has been covered in *Better Homes & Gardens* recently.

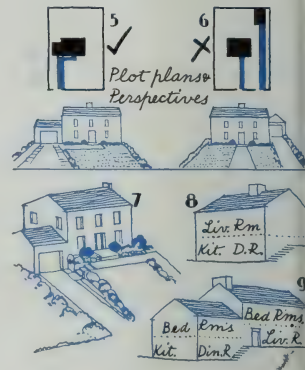
One reminder, tho: in your budget, in addition to lot and house, allow for search-of-title and other attorney fees; water, sewer, electrical, and phone connections; septic tank if no town sewer exists; deep well if no town water line exists; last but *very* important—if the house when completed is to be a *home*, allow about 10 percent for grading, walks, drive, and judicious planting.

Incidentally, the sketches are merely diagrammatic and hence in many the windows and chimneys are left to your imagination.

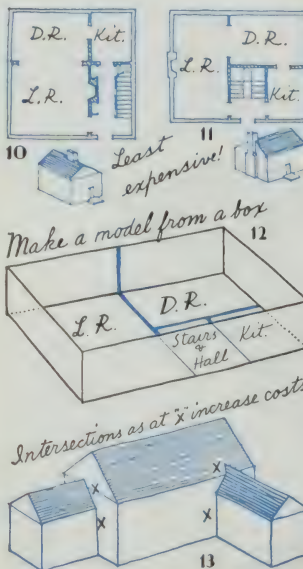
THE LOT



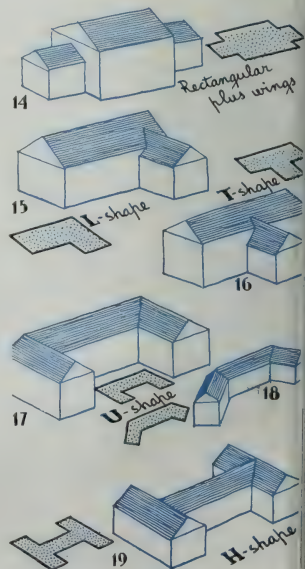
SHAPe of house should fit shape of lot; rambling house out of place on narrow lot (1); elongated rectangular plan should run in same direction as lot (2). . . . Take points of compass into account at early planning stage; begin by writing names of rooms on plot plan (3); ideally, dining-room should be on the southeast, to get morning sun; living-room best toward south and west. . . . If most desirable outlook is toward north and worst is to south (4), use judgment in disregarding points of compass in favor of pleasing views. Take into account existing trees, telephone poles, neighbors' houses, etc. in placement of house. . . . Location of garage drive of utmost importance; place on north when possible. Combine drive and walk to permit largest possible unbroken expanse of lawn and front garden (5); don't let drive and walk cut lawn into series of narrow bands (6). Consult building and zoning codes for minimum distances from lot lines to house and garage, from both front and side property lines. . . . Utilize sloping lot by having garage on low side (7), or by having kitchen and dining-room at lower level, with living-room and bedrooms above (8), or by having part of house on one level, balance of house at another level—this means only a half-flight of stairs between rooms, and adds to charm (9).



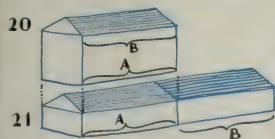
THE SHAPE OF THE HOUSE



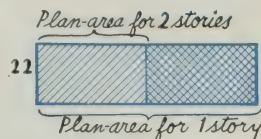
MOST important: don't put external appearance before inside usefulness; realize that your home should depend primarily on how it will be used on the inside, rather than start with definite "style" in mind. Next important: house of simplest shape will cost the least—the square or rectangular (10 & 11). Get maximum number of cubic feet by keeping outline simple; avoid fussy projections. . . . Regardless of how rectangle is divided to form rooms, keep to four straight walls unless cost is no factor. To understand why rectangular shape is most economical, try making model of cardboard or wood box (12); if rooms are all inside this shape, adding flat or sloping roof is easy matter; next try making plan complicated and then try to fit a roof. . . . Every intersection costs extra money (13). . . . Houses with projections are often desirable in affording more exposures per room than rectangular plans; additions to rectangular plans should be planned for in advance. . . . Most economical after the plain rectangular shape is the rectangular with wings (14); wings can be centered on main part of house as shown, or one facade can be continuation of main body. . . . Next up price-scale are L-shaped (15) and T-shaped (16) plans, these being rectangular main blocks with a wing at one end or in the center. If wing forms a single room there will be windows on three sides of it—excellent as dining- or living-room. Be sure stairs are centrally located, so as to land on second floor where all rooms will be conveniently adjacent, and thus reduce hallways to minimum. . . . U-shaped plan effective for one-story house; arms of U can be right angles to main block (17), or opened out (18), but in latter awkward areas occur where wings meet main block. First unit of house could be rectangular, and as family and needs grow, wings could be added if previously planned for. . . . H-plan (19) also can expand from an original rectangular unit, with wings at right angles or flared out; this plan secures maximum exposures, because rooms at ends of wings can have windows on three sides.



ONE STORY OR TWO



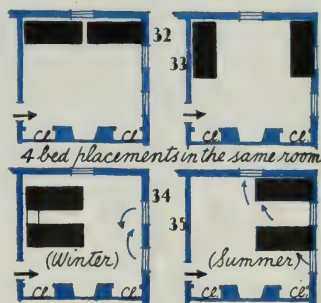
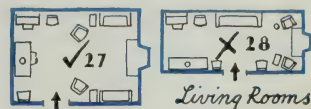
A TWO-STORY house (20) costs less than a one-story (21) when totals of room-areas are equal, because costs of excavation, foundation walls, and roof are doubled for one-story-structure (22). In two-story house additional height of walls and cost of stairs are not sufficient to offset other savings. Additions can easily be made by adding wings, whereas one-story-house additions make for long hallways and poor access thru existing rooms. Second floor of house easier to heat than long, extended one-story structure.



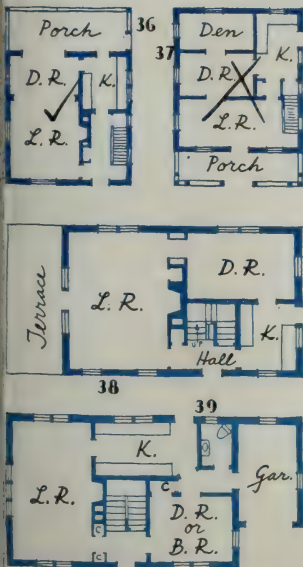
ROOMS, THEIR NUMBER, SIZE, AND SHAPE



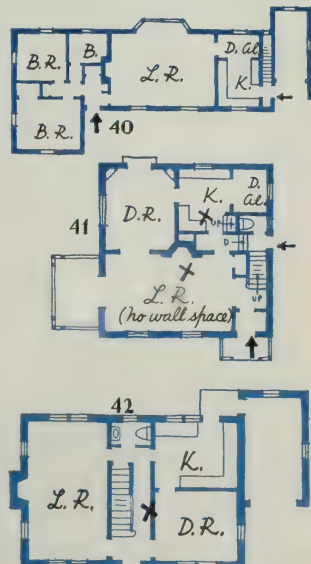
ASK yourself: How many rooms do I really need? How many can I afford? Can functions of any two be combined? Rightfully growing in popularity is combined living-dining-room, shaped either as one long rectangle, or with dining alcove making an L-shaped room (23). Pantry can be combined with dining alcove (24), with table useful as work surface between meals. Kitchen work surface and cupboards can be planned so one corner is out of traffic for dining (25). . . . Modern tendency is to have fewer but larger rooms, rather than many small ones. Advantages lie in greater elasticity as family grows, and in entertaining. . . . First-floor room widths should be governed by standard lengths of joists, i. e., these come in even foot-lengths, 8, 10, 12, 14, etc. Since joists need "bearings" at each end, 12-foot joists will yield a room 11 feet, 4 inches wide (26); 14-foot joists a room 13 feet, 4 inches wide. Beyond this width construction becomes much more expensive. . . . Minimum living-room width should be 12-foot joists, preferably 14-foot joists, so that furniture can be arranged to form a hospitable grouping (27). Don't have a long, narrow room which gives a trolley-car effect (28) by necessitating furniture's being stiffly arranged along walls in two parallel lines. . . . If dining-room is separated from living-room have it large enough to accommodate ten persons; bear in mind shape and size of table. Round table is suitable to square room (29). Rectangular table is all right in square room if sideboard occupies one end (30), or if both room and table are rectangular (31). . . . Minimum kitchen width should be 8 feet to allow for standard equipment on each wall (2 feet deep), and 4 feet in clear for floor space between. . . . Bedrooms should be planned so beds can be placed in more than one position (otherwise room gets tiresome), and so beds can get plenty of moving air in summer, but no drafts in winter. The ideal room for the maximum number of bed arrangements is square, with each side long enough to take two beds end to end (32, 33, 34, 35).



ROOMS-THEIR SEQUENCE



SEQUENCE of rooms should be result of study of which arrangement will be most convenient. Living-room and stairs should be adjacent to front hall, but dining-room needn't be. It's desirable *not* to have dining-room open off front hall so unexpected visitors don't disturb family at mealtime. In small house without a servant, if kitchen is at rear there should be no objection to going thru living- or dining-room to front door from kitchen. . . . When living- and dining-rooms together form a large rectangle, they secure effect of a roomy, hospitable interior (36). Future addition could be built to right, with access to hall and kitchen. . . . In contrast, the old-fashioned plan of having many small rooms (37) failed to provide area enough in any one room for the average family circle, let alone added guests. . . . A convenient, compact plan having a separate dining-room (38) has a minimum of doors to pay for and maximum wall space for a variety of furniture arrangements. Future addition could be a new dining-room to right of kitchen, with initial dining-room used as bookroom, playroom, or bedroom. . . . Another compact plan with same stairs and living-room (39) makes it possible to use front room for dining or bedroom. Passage from kitchen to garage helps keep cooking odors and noise out of dining-room; a lavatory off this passage is a boon to family. . . . One-story houses have general choice of placing kitchen and bedrooms on one end, or dividing these rooms by living-room as shown (40). This plan has front door near fireplace end of living-room, well away from dining end. . . . Wall space is always at a premium for furniture, yet in plan this may be overlooked by the layman (41). Except for front wall this living-room is all doors; no furniture except two chairs can be placed near fireplace; kitchen work surfaces and cupboards are inefficient because they are broken up, and kitchen itself is an untidy shape. . . . A common plan (42) is to have a hallway at "X" running from front to rear, yet this is valuable space better used to enlarge rooms or to provide closets.





By Frances Leslie

WHEN the Dutchers bought their acre and-a-quarter lot in Westchester County, New York, they found themselves with a discarded cow pasture fringed with woodlands, a spring that had never been known to run dry, and the inevitable problem of deciding the kind of house to build in keeping with their bank account.

Of course, even as you and I, the Dutchers had definite mind-pictures of what they



This Ossining, New York, house, that came out of a cigar box of clippings, is of good design on a small scale, and there's plenty of leg room inside of it

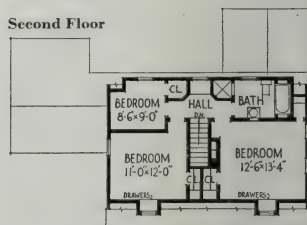
Two Little White Homes in the Country

Richard Averill Smith

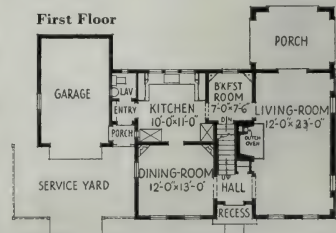


By Ellen D. Wangner

Second Floor



First Floor



Almost as quaint as if built in the days when both the Dutch and English were vying for Long Island, this modern home of Mr. and Mrs. Anthony Richtburg at East Williston blends into a rural picture

wanted, but getting dream things boiled down to a common denominator, so that they'd mean something to an architect, is like making maple sugar. You just boil and boil and boil. But it comes out sweet in the end.

One thing they both agreed on—SIMPLICITY. And Claire said from the beginning, NO PORCH. Too many houses start out, she felt, with a haunted look given them by rambling porches that shut out all the light. So they had no rambling porch. "And let's have plenty of windows," she insisted, "so that the sun can pour in all the year round." So they had plenty of windows.

IT WAS like that all the way thru—boiled down to a detail, and a definite decision. So they had a Dutch doorway, with a trellis and arched hood to give the door a proper air of importance; a neatly designed wall-face dormer in a low, right wing that lends an air of being small and picturesque; a green-shingled roof; a handy coat closet at the front door, but no hall; a lovely brick fireplace for winter-time wood fires; rows of bulging bookshelves looking down upon you; an electrically powered kitchen; French-windowed dining alcove—and so on thru, clear to the automatic, oil-burning heating plant, laundry, and a novel relaxation room in the basement.

Many of the "appointments" in this

snug little house, including the living-room ideas, came from *Better Homes & Gardens*. (They've been subscribers since Phoenix was a cigar box—a cigar box full of magazine clippings by the time they came to build!)

If they built the garage first—a two-car garage with living quarters upstairs—they reasoned, they could camp in it all summer watching their ideal house take form. Why not? So for months they lived alongside shavings and pipes, plumbers and carpenters. They dipped shingles in oil and white lead, and lay claim themselves to all the painting to the last brush mark.

Incidentally, in winter the natural thing is a wood fire in the living-room, and it's remarkable how much warmth is retained in the wide, central, brick chimney.

You'd be amazed at the amount of space inside this little house—and at the amount of light and sunshine that floods in.

In fact, it's a sunshiny house all thru—modern and well-equipped kitchen and laundry, up-to-date bathroom with stall shower, well-conceived linen closet in the hall, comfortably furnished basement relaxation room—you could really talk hours about the interesting phases of this house.

You want to linger awhile on these wide stone steps. Rambler roses climb the trellis flanking the Dutch door. A wall-face dormer adds a picturesque note to the house. . . . As in front, the garden side—left and rear—has a spacious lawn



One—a little home by the side of a Long Island road. The other—a Colonial house in Westchester. No other style begets more comfort

IT TAKES more than shingles and shutters and good brass plumbing to create a home such as that of Mr. and Mrs. Anthony Richtburg, *Better Homes & Gardens* subscribers at East Williston, Long Island.

Such a house must have careful planning. Architect Maxmillian R. Johnke subscribes to the maxim that such careful planning means, mind you, more than studying mere budgets and structural details. Here it meant digging into the home and social life, and the real needs, of an active family. The result is a livable home that belongs definitely to Long Island.

Mr. Richtburg himself is a builder of houses. Perhaps that's another reason this little white house on a country lane has a bit of oomph in every stick and stone. Mr. Richtburg, you see, deploras the present-day tendency to build on so narrow a plot that there's no privacy. He deploras it so much he bought a hundred-foot frontage and that much depth.

THE house is on rising ground, and the front windows look out upon a rolling meadow holding a small lake. Of white shingles, with Vermont slate roof, dark green blinds, and deeply recessed entranceway, it spells an alluring Long Island version of Cape Cod. It's steam heated and insulated. It has copper eaves. It has brass plumbing thruout. There's no waste space.

You'll like a space-conserving feature in the owners' bedroom—a built-in dresser in

the front dormer, high enough to provide ample drawer space, low enough to admit both light and ventilation. Any well-raised owners' bedroom, by the way, should radiate restful simplicity. The Richtburgs' bedroom has been well raised.

And if you stand in the many-windowed living-room and open the French door to the rear terrace, it actually seems as if the garden and spacious lawn were part of the room. Long and low-ceilinged, this room really suggests greater size. It keeps faith, too, with the older generation.

For that matter, in each room there's strict adherence to the simplicity of the days of which this house speaks—the white Swiss curtains, the hand-woven rugs, and the maple furniture—they all blend with the type of the house itself to make a picture of the kind of livability you envy.

ONLY in the kitchen were those pioneer country women forgotten. Its modern fixtures and gadgets make the workshop of our ancestors appear the labor-making room it was.

In the long living-room there's close adherence to the Early American tradition. The fireplace wall is paneled in knotty pine, finished in maple tone, incidentally; the other walls are papered in a copy of an antique French toile. All furniture is maple, and the rug simulates the hooked rugs of an earlier day. The built-in dresser in the dormer is the noteworthy feature of the owners' puritanically simple bedroom



Richard Averill Smith



High in Colorado's Rockies is the Wagener cabin, built and furnished for \$692 on a three-quarter-acre site leased from Uncle Sam for \$15 a year. It'll accommodate six



UNCLE SAM, LANDLORD



Left: Built around a commercially manufactured steel-shell that operates like a warm-air furnace, this fireplace heats the cabin even at Christmastime. Above: Bunks save space. Logs were chinked inside with cement

By Winnie Sparks Wagener

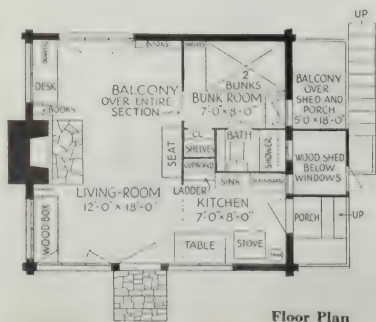
NINE thousand feet up in the timber of Roosevelt National Forest, with mountains sweeping upward on two sides and a mountain creek of freshly melted snow water tumbling below, sits a small log cabin—our cabin, built there with the permission of our landlord, Uncle Sam.

Far up above, up and up past the timberline is bald old Mt. Meeker, painted a glowing rose as the sun thrusts up behind the Twin Sisters across the valley. Within half a mile is a paved highway kept open thruout the year by the federal government. Within carrying distance is an endless supply of fireplace and stove wood supplied by the natural fall of timber. Sharing the brook with us and accepting the courtesy of a salt lick are deer, timid and quick. In the summer, birds come, and wildflowers bloom profusely.

That's what we share with Uncle Sam,

Landlord. And you can share it, too. If you'd like to lease a site and build, see the forest supervisor of the particular national forest in which you're interested. If he's convinced you're a desirable sort and will obey the regulations on fire protection, fish and game, and sanitation, and if you'll use your plot of ground only for domestic purposes, he'll arrange for you to inspect the available sites. These are in groups, each lot usually from a half to one acre. Restrictions guarantee, however, that your cabin won't be surrounded by Joe Zilch cabins. The district ranger advises you about water supply, proper sanitation, protection from fire hazard, and a host of other things about which town-lubbers need a lot of advice.

OUR CABIN stands on a knoll prospected for minerals many years ago. We built it of fire-killed lodge-pole-pine [Turn to page 64



Do you know you can build your summer home in one of our national forests? That forest rangers will guide you in choosing your site? That the rent is only \$15 to \$25 a year? Gangway!

Right: Well-designed, solid as rock, this forest cabin was built entirely by Mr. Higgins except for a half day's help with the rafters. The half-pitch roof sheds 10 feet of snow, provides an airy bunkroom upstairs. Below: Logs were peeled to prevent borer trouble, treated with linseed oil to prevent checking



The fireplace below, built of native lava stone, lined with a lava stone which stands heat, is wide enough to take four-foot logs. Structurally, it and chimney are independent of cabin



By Sidney M. Higgins

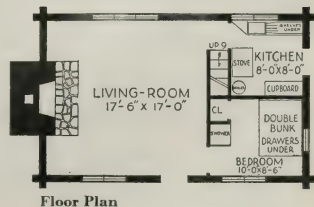
WELL, WELL. So you'd like a cabin yourself but think you can't build one? You think a handyman can't go out with his hands, tools, and head and build himself and family a right nice cabin high up there in the timber where it's cool and sweet and fresh?

You're wrong. Maybe you can't do it all alone, but you can with just a little help. I know, because I climbed seven thousand feet up in Lassen National Forest just east of Mt. Lassen, California's volcano, and built the one you see here. I did all the work during several short summer vacations. I made only one concession to blot an otherwise perfect record—I had the help of a man for half a day to help erect the rafters!

Our lot, on a lakeshore, is nearly level,

rocky to a certain extent, and heavily covered with timber and underbrush. Nature being so kind to us, we thought it only fair to repay her by leaving our surroundings in as near the original condition as possible. The landscape had great influence on design, size, height, and color of our cabin. We wanted unobtrusiveness, simplicity, and compactness.

Simplicity of design was a necessity, for up here snowfall averages 10 feet on the level and drifts well over the tops of cabins. We eliminated eaves and gable overhang, making all surfaces flush, so that neither wind nor snow could exert damaging pressure. I kept height down by cutting headroom to a minimum. I used a half-pitch roof—one that rises at a 45-degree angle. This pitch has proved sufficient to shed any amount of snow. I wanted the roof low because a low roof offers less wind resist- [Turn to page 64



APRIL Indoor Gardening Guide

By Fae Huttenlocher

Associate Editor, Better Homes & Gardens

DO YOU believe in old wives' tales? Putting oil on rubberplants, and chicken bones in the bottom of a flower pot? The other day I was told if I wanted to pep up my houseplants to bury a piece of beefsteak in each pot. If this gave my plants the worms, a slice of raw potato on top the soil would lure the worms to the surface and I could sneak up and grab 'em.

Tho this beefsteak treatment can scarcely be recommended when a teaspoonful or a tablet of balanced plant food is far better and doesn't bring on flies, worms, and the odor of decay, modern plant science gives substance to some of these old green-thumb methods. Grandfather argued that placing wheat grains around the base of cuttings would make them root quicker. Grandfather was close to right. For wheat contains both Vitamin B₁ and auxin, the root-initiating hormone, and botanists have recently discovered they hasten rooting if present in abundance. Only trouble with wheat is it doesn't contain enough. Anyway, here are some sure-fire hints from readers who've found clever ways to grow plants.

New Plants for Pool: To start new umbrellaplants for your pool this summer, cut umbrellas from your potted plant, place them top down, stem up in a glass of water. Roots soon start from center of the leaf cluster and form a new plant.—L. R. Russie, Pa.

Repotting Tender Plants: When repotting tender or easily broken plants, turn the pot on its side and run a moderate stream of water from a water faucet into the pot, gently washing the soil away. When you've removed as much of the old soil as desired, refill with new soil. The plants start growing at once, being retarded very little by repotting.—Mrs. R. B. Pryor, Ky.

We suggest watering all repotted plants with a Vitamin B₁ solution to help prevent setback.—Editor.

Makes Wandering-Jew Branch: When my Wandering-Jew tends to become too long and stringy, I take a small tweezer and remove the tiny new leaf at the end of each long shoot. The plant soon branches.—Mrs. J. W. Larson, Minn.

Fun With Geraniums: For some early-spring fun, plant a package of geranium seed in the window box, a cigar box, or cottage-cheese carton. In a few weeks sprouts will push fluted round leaves upward and grow like skat. On the first warm day of spring, transplant the seedlings to small pots that may be put out-of-doors in late May. Give them full sunshine, and by autumn there'll be strong, young, winter-blooming plants that surprise you with their color.—Vesta P. Crawford, Utah.

Spray Your Own Dew: Plants needn't lose their leaves because of the dry atmosphere in our homes. Daily spray the leaves with water from a fly-sprayer. It covers them with a fine mist, supplies moisture they need, and doesn't spread enough water to harm woodwork.—Mrs. B. H. Brouwer, N. Y.

Start New African-violets: To start African-violets or gloxinia, snip off a leaf with its stem and put the stem in a glass of water in a window. Be careful not to get water on the leaf. African-violet and gloxinia form roots and new leaves on the ends of old leaf stems, and the gloxinia forms a small bulb on the stem. When new leaves are out one-half inch or better, plant the tiny plants in prepared soil, putting a wire hairpin over the stem of the old leaf to hold the tiny plant in place.—Dr. A. C. Loker, Mo.

For Aquariums: The aerating plants in your aquarium look more attractive if their stems are pushed into hollow snail shells and secured with pebbles before the plants are dropped into the aquarium. This holds them on the bottom.—Philip Giorgia, Conn.

Grow a Pineapple: If you want a grand and easily cared-for houseplant, slice off the top of a pineapple and place it in a jar of water until it roots, then plant it in an attractive pot. Grapefruit seed planted in a bowl of earth also produce effective foliage for the window garden or table.—Mrs. Ernest Johnson, Mich.

Grow Parsley in Sponge: Put a long string thru the center of a large sponge. Wet the sponge thoroughly and sprinkle parsley seed thru it. Hang in the kitchen window, keep moist, and in a short time you'll have plenty of parsley for garnishing. If you don't want the sponge hanging, keep it in a shallow bowl.—Mrs. J. B. Elwood, Iowa.

Pipe-Cleaners for Tie-Ups: For tying houseplants to their trellis, I find pipe-cleaners more satisfactory than the usual cord or raffia. They're easily twisted round the plant stem, just as easily removed, and are soft enough not to injure the most brittle stem.—Mrs. Bert E. Lewis, Vt.

Light-bathe Your Plants: If you live in a smoky city, or your house has no sunny windows, give your houseplants a daily light-bath under an electric sunlamp. Five minutes daily works wonders. If you haven't a sunlamp, use an ordinary electric bulb of high power, leaving it on for several hours daily.—Vesta P. Crawford, Utah.

Palm Trees From Date Seed: Stick a few date seeds in the soil around your potted plants. In a short time they'll sprout into delightful little palm-tree seedlings which may be transplanted into a bowl and become an attractive tropical table garden.—Mrs. J. A. Guy, Mo.

Watering Hanging Baskets: One of the best ways to water hanging baskets is to insert in the center of the basket a small funnel, with holes punched in stem and sides. Water thru funnel and the soil will be well irrigated.—Mrs. Will Merck, Ga.

Tropical Surprises: Every window garden should have an alligator-pear. They're so easy to grow. Start the big seed in a glass filled with water which reaches halfway up the seed. Next time you have a mango or any tropical fruit, plant its seed as soon as possible, point-down, in a good mixture of soil and sand.

Mango growth starts in two months. Young leaves are drooping, later turn a handsome dark green that's most decorative.—Mrs. E. H. McKeon, Md.

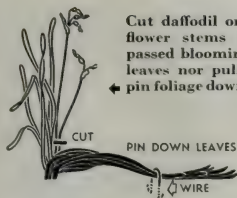
Plant Begonia Seed: I discovered when flowers turn brown on begonias that the pods are full of powdery brown seeds. For them, I prepare a loose sandy soil in a pot, scatter the seed, water from the bottom, and lay a pane of glass or jelly glass over the pot. In about two weeks tiny little plants appear. These will grow to full size if given space and water.—Mrs. Ruth Wance, W. Va.



Everyone who waters an ivy or roots a geranium finds some smart way of doing it quicker or better. Send your find in *Better Homes & Gardens* will pay, upon publication, \$1 for each hint used. Hints cannot be acknowledged or returned. Address them to Garden Editor, *Better Homes & Gardens*, Des Moines, Iowa.

APRIL Outdoor Gardening Guide

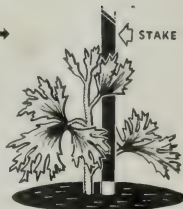
Pacific-Coast Edition



Cut daffodil or other narcissus flower stems after they have passed blooming. Don't cut the leaves nor pull the stems, but pin foliage down with a bent wire



Young delphinium plants should be provided with a good stake when they're planted. As plants grow they can be given support to prevent injury to spikes



Yardmen in California have the unfortunate habit of planting unsuitable shrubs and then pruning them to "vegetable dumplings." This ruins the natural charm



WILDFLOWERS are still blooming in the California valleys, but the high point of color is passing to the coast, to the hills, and northward. Tulips, hyacinths, daffodils—all the spring bulbs are flowering. Portland and Seattle rock gardens reach their peak of bloom. In Berkeley and San Francisco, azaleas are in full flower and the earliest rhododendrons beginning. Along the southern seacoast, at La Jolla, Ventura, and Santa Barbara, fuchsias are in full bloom, and lantanas, nasturtiums, and stocks run riot.

Stake, Tie, Thin: April is one of the fullest, busiest months of the garden year. It's warm enough so that growth begins to jump. Staking, tying, pinching-back, and thinning have to be rushed to keep up.

New Perennials: Any summer- or fall-blooming perennials planted now still will bloom this season. A superlative new one is angelonia, with spikes of deep violet-blue flowers. It's from South America and related to pentstemon which it somewhat resembles. But it's far better than the best of pentstemons in its thick, deep-green mass of foliage and its uninterrupted profusion of bloom from May thru December. It needs sun or part shade, average moisture. It's ideal from San Francisco southward but may not be cold-hardy in the Northwest.

Hanging Baskets: Plant trailing shade-lovers now in hanging baskets for summer color in the shady places. Fuchsias such as Trailing Queen, Molesworth, Marinka, Balkon, Cascade, Nonpareil; trailing Lloyd Tuberous Begonias, trailing lobelia, the starry white *Campanula isophylla* and blue *Campanula isophylla mayi*. Golden Gleam Nasturtiums make beautiful baskets near the coast. For baskets in sun use Ivy Geraniums. The pale pink, white, lavender, and double lavender ones are trailing-est.

Buy the wire baskets or make them of small-mesh chicken wire, with a heavy wire rim. Line them with a good inch coating of wet florist's moss and fill with a soil mixture of $\frac{1}{2}$ sandy loam, $\frac{1}{4}$ peatmoss, $\frac{1}{4}$ leafmold.

Pot Up Tuberous Begonias: When Tuberous Begonias are well started, lift them from the peat boxes and pot them in as small a pot as the tuber will fit. Use soil of 2 parts leafmold, 1 part loam. Top of the tuber should show above soil. Water

By John Van Dyke Manning

Sketches by Lindsay Field

by setting pot in a pan of water. *Don't keep too wet.* As the plant requires it, move into a larger pot. A large tuber will need an 8-inch pot when full grown. Keep in a protected spot, out of the sun and wind but with plenty of light. In the Northwest, April's a good month in which to start them sprouting.

Fibrous Begonias may need re-potting now. Pot in same mixture as for the tuberous sort. Remember *all* begonias should be planted on a rise, so water won't settle around the crown at the base of the stem, as there's danger of rotting.

Prune Hibiscus, Belle of Portugal: If hibiscus are to be pruned at all it should be the first of this month. If plants need restraining or are being espaliered, cut to size and shape, thinning out and shortening the branches. If hibiscus have gotten small-leaved and leggy, severe pruning followed by a good mulch of compost or organic plant food will generally put them in the pink of condition; they may be cut to half their height. Shorten genistas, Spanish Broom, Hybrid Brooms only slightly, after flowering. Nearly all spring-flowering shrubs are best pruned after flowering. Prune Belle of Portugal Roses as soon as they've finished blooming, thinning out old canes and shortening as much as necessary. Camellias that may have gotten leggy may be helped by shortening leaders now or even cutting back severely. If the legginess is caused by crowding shrubs or close, overhanging trees, cut these back to let in light and air, or pruning will do no good.

Feed: If you didn't get a general feeding done last month, do it now—go over the whole garden. Young annuals will appreciate light feedings of balanced plant food once a month (2½ pounds per 100 square feet). Continue feeding pansies and violas bloodmeal, half a teaspoon per plant once every two to four weeks, whichever best suits your soil conditions. Give delphiniums an application of wood ashes or a good tablespoon of sulphate of potash. Feed the pot plants regularly, a teaspoon of balanced plant food to an 8-inch pot each month from now till the end of growing weather.

Begin feeding camellias, azaleas, and gardenias late this month. Use cottonseed meal or com-

mercial azalea food. Give a heaping tablespoonful to an average 18-inch azalea or gardenia, or 36-inch camellia. Work it lightly into the surface soil.

Sprays for all Comers: Stock up on sprays right now so summer pests can be checked before they get a foothold. For caterpillars and beetles get fluorine dust or spray; it's better than the old stand-by, arsenate of lead. Get pyrethrum-rotene none spray, most effective control for thrips and plant lice. For scale you'll need a light oil-emulsion spray—combine it with the rotenone for severe attacks of thrips. For mildew, black spot, and other fungus diseases, get a copper-base fungicide; some of the new ones leave practically no stain on the foliage. Apply according to the manufacturer's directions.

Aphids, or plant lice, increase by the million this month. Besides the roses, watch out for black aphids on the brooms, Spanish Broom in particular, and on growing tips of English Ivy. Look for woolly aphids on roots of young crab apples, quinces, on primroses, just at or under the surface of the ground; they're like ordinary black aphids with a thin cottony overcoat. Make a basin about the plant, mix the rotenone for spraying, and pour enough in the basin to saturate the ground.

Spray or dust roses once a week if there's the least sign of mildew.

If there are genistas in your garden, you'll likely need the fluorine dust right away to control genista worms, hairy little caterpillars which, if unchecked, will defoliate and kill a plant in a single season. Watch for small, light-green worms on cypress. Fluorine for them too.

Big Doings: April is flower-show month. There's a score or more good-sized shows and practically every town and garden club has at least some sort of exhibit. Go, take a notebook, exhibit if you can. The flower show is a clearing house for new plants, new garden ideas.

The Daffodil Festival at Summer, Washington, is held early in the month. Later, May 1 to 5, comes the Oakland Flower Show, the West's biggest; it's three times as large as two years ago. The Southern California Spring Show at Pasadena is held April 26 to 28. The American Rose Society meets in Pasadena at the same time. The Pacific-Coast Rose Society will cooperate in the show.



Water standing around the begonia stems often causes stem rot; therefore, always plant begonias on mound for good drainage

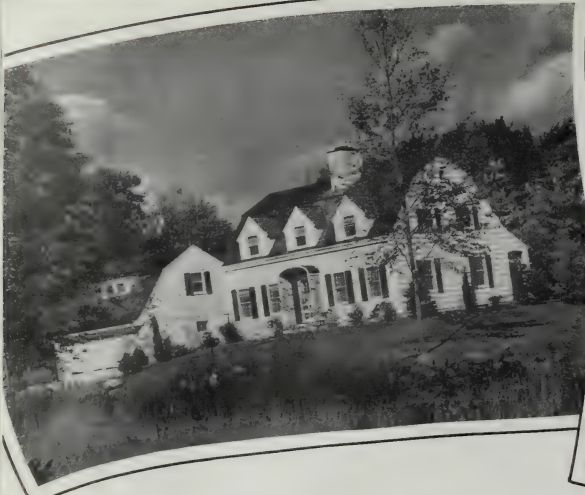


Geraniums become leggy unless they're occasionally cut back to mere stubs as shown below



Hanging baskets may be made of chicken wire and lined with an inch of wet moss. Try blue and white Italian Bellflower (*Campanula isophylla*) in them





✦ "Spike" Hunt's painlessly built house in hilly Connecticut. It went up while the boss was away. Below, the living-room fireplace, where the Hunts can stretch out and reminisce about the time Mexican revolutionists burned their precious sugar plantation and chased them back across the border



How to Build a House by Remote Control

By Frazier Hunt

Truth is—this is a story of how a house built itself. With "Spike" away the architect had a field day

MAYBE I get discouraged too quickly. But when Emmie and I saw what happened to the Bronsons when they built their house, we swore we'd never get into anything like that.

Now we've known the Bronsons for the best part of twenty years, and until they took up house-building they'd never had what you might call a really decent first-class quarrel.

The battle started right from the kick-off and it continued unabated thru the entire game. I use those words "battle" and "game" advisedly. As a matter of fact, the game of house-building is divided into four periods, or quarters, the same as football.

The first period of the game has to do with selecting an acreage, or a building plot.

The second period centers around selecting your architect.

The third period is affectionately called The Battle of the Plans.

The fourth period comprises the actual building operations. This is where the thrills come in—for players and spectators alike. And most of the heavy casualties come in his final quarter, altho it's not uncommon to see players carried off the field in the third period.

From first to last, as I recall, it took the Bronsons somewhere in the neighborhood of four years to play out their game. They were roughly two years picking out their building lot, another six months in selecting their architect, a second six months in the bitter and bloody struggle over plans, and a final

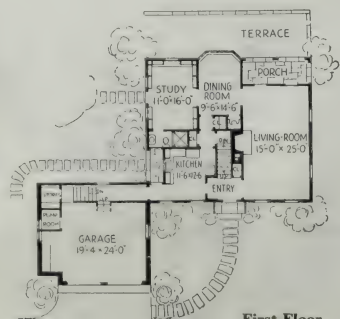
The owners, says the author, haven't yet agreed on a name for their many-windowed home. Your suggestion might be "House of Seven Dormers"

six months or so in the actual building hostilities.

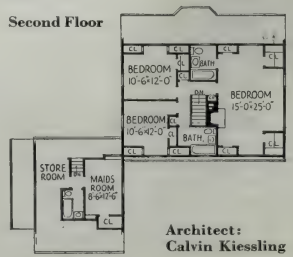
The first period was tame; the second interesting and slightly instructive; but the third and fourth periods (what army staff officers call Plans and Operations) were terrific, almost epic.

During those last two quarters you could hear them at it from the moment you turned into the driveway of their rented home in the country. Friends thought it was just good clean fun. But by the time they had the basement dug, both Ted and Mary were at the stage where he stood out in [Turn to page 74

Frazier Hunt in his well-lighted workshop



Second Floor



Architect: Calvin Kiessling

So Good Meals

LUNCH ON A TRAY spells a refreshing change from formal table-meals to us girls—but a pain in the neck to real he-men, *unless* we supply tables on which they may deposit their loot. Then they'll love it. So below we've ensembled tray luncheons hearty enough for the males, others for waist-watching bridgers, still more for "just family," when spring housecleaning scatters us to favorite nooks about the house. That's half the fun of meals-on-a-tray anyway. They can travel to porch or terrace on a bright spring day, gather at the radio for a choice program, hug the hearth if it's cold and gray. Let's have quantities of fine spring vegetables, for at no other season are they as fresh and sweet, as genuinely welcome. Later try all your culinary tricks, but let's serve them this first green month with just Nature's flavors, plus judicious dashes of seasoning.—J. G.

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MAIN DISH VEGETABLE ACCOMPANIMENT DESSERT NICE TO SERVE

1 Baked Crab Meat and Shrimp in Sea Shells*	Fresh Asparagus With Pimiento	Tomato and Pine-apple Slices Bran Muffins	Coconut Cake With Broiled Frosting*	Ripe Olives Coffee
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How to Do: Completely fishy is this main course when served in sea shells. To keep its form, re-tie asparagus in small bunches and cook standing in boiling, salted wa-

ter to its tips for 10 minutes; then dunk tips, too, and cook till tender. Make ready for the cake's finish. Yum-yum—it's broiled frosting all bubbly and crispy brown.

2 Tuna Croquettes*	Green Beans, Julienne Hot Salad Dressing	Grapefruit and Avocado on Endive Fruity Dressing*	Pompadour Pudding Toasted Almond Cookies	Stuffed Eggs Coffee
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How to Do: Don't stand all day cutting the beans. There's a gadget that cuts them double quick. Or buy them French style in cans or frozen. Heat salad dressing

over low heat—good on many vegetables. Folks who make avocados a business say, "Cut fruit lengthwise, remove seed; peel. Slice; sprinkle with lemon juice."

3 Individual Pork-Ham Wedges Raisin Sauce*	Creamed New Potatoes and Peas	Carrot-Cucumber Swirl Double Dressing	Fresh Strawberries Confectioners' Sugar	Radish Roses Broiled Peach Halves
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How to Do: Lucky guests when you cut a 12-ounce, squarish can of pork-ham luncheon meat diagonally from corner to corner, insert three cloves. Bake 10 minutes,

spoon over a mix of $\frac{1}{4}$ cup brown sugar, 1 teaspoon dry mustard, and $1\frac{1}{2}$ teaspoons vinegar. Bake 15 minutes. French dressing goes on cukes; mayonnaise atop carrots.

4 Luncheon Roll-ups	Mexican Corn Baby Beets	Waffled Potatoes Clover-Leaf Rolls	Tropical Chiffon Pie*	Spring Onions Coffee
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How to Do: A garden fanfare with a touch of meat. Vary roll-ups. Spread broiled ham slices with prepared mustard; place cooked green beans and roll. Fasten with

toothpicks and clip on a cut onion ring. Bake. Bits of green pepper and pimiento pep up yellow bantam corn. Serve tender young beets with butter, salt, and pepper.

Lamb-Chop Grill*	Broiled Tomato Halves	Cottage Cheese in Green Pepper Ring Butterflake Rolls	Orange-Cream Cup Cakes*	Grilled Pineapple
------------------	-----------------------	---	-------------------------	-------------------

How to Do: In spring, summer, or winter serve lamb very hot or very cold. This grill is sizzling and so are the spiral-wrapped pineapple spears broiled along-

side the chops after turning. To complete this handsome plate, fill green pepper rings with seasoned cottage cheese. Call it a salad or a garnish—it's a dandy.

Cheese Puff*	Spinach Timbales Shoestring Potatoes	Jellied Spring-Garden Salad*	Pineapple Custard on Sponge Cake	Bowl of Crisp Celery Curls
--------------	--------------------------------------	------------------------------	----------------------------------	----------------------------

How to Do: Spinach goes aristocratic in high-hat timbales. Fry crisp 2 strips bacon, diced. Remove from heat. Add one No. 2 can spinach, drained of half the liquid.

Season. Stir in 2 slightly beaten eggs. Bake in greased custard cups at 350° until firm. Turn out; pour over cream sauce. Buy or make individual sponge cakes.

Circle Salad Plate Mayonnaise	Tomato Wedges Cucumber Slices Green Beans	Whole-Wheat Sandwiches	Hot Rhubarb Roll	Green Ripe Olives Coffee
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How to Do: A beautiful plate! It takes only a few minutes. The guests make their own salads. On dinner plates arrange a circle of 5 small lettuce cups. Fill with

tomato wedges, hard-cooked egg slices, flaked tuna, cucumber slices, and green beans marinated in French dressing. Center with a small cup of mayonnaise.

*Recipes for "SO Good Meals" on Page 101

Co-operating With Better Homes & Gardens: Trays, The American Art Works, Inc., Merchandise Mart, Chicago; Silver, Heirloom Plate, Grenoble pattern, Oneida, Ltd.; Dinnerware, Vernon, Early California; Crystal pear dish, Tatman's, Inc., Chicago.





Haunt old shops and new for a graceful oil and vinegar bottle—lovely for ivy. Around a glass hen cluster potterry ash trays. Fill with sedum, called "hen-and-chickens." Place on sill

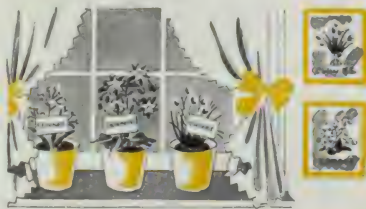
A gingerbread boy and girl will start your cooky-cutter wall family. Have a tinier solder on flower-cutters. Paint them, and add peasantry designs



Use cooky-cutters as patterns for chain-stitch embroidery on breakfast cloths, on tea towels, or aprons. New kitchen towels add color and dash



Ready-made dish towels, part linen, are especially treated for extra absorbency, have printed, color-fast designs. Perhaps you'll buy an extra few to make into matching aprons. So easy to do



Hang or stick neat garden labels in bright window pots of fennel, chives, or other kitchen herbs. Old prints or botanical drawings for the walls



◆ Half a chopping bowl, wallboard backed, forms a rustic wall pocket for gourd sprays of wheat. Bore holes in back for hanging. Use in pairs

Put *You* Into Your Kitchen

By Maurine Shaw Holloway and Hannah Hecker



Pack your kitchen full of YOUR personality

“AND this is the kitchen!”

Julie was personally conducting me on a tour of her new home—and I was enchanted! Every room proved her excellent taste and her clever way with color. Then came the kitchen, so white, gleaming, and streamlined that it might have been carved from frozen blocks of snow, frosted here and there with chromium.

Julie cupped her chin in her hand. “You know, I’m not quite satisfied with this kitchen. But I can’t put my finger on what’s wrong.”

“There’s nothing wrong, Julie,” I said thoughtfully. “It’s a perfect kitchen. But it lacks one thing. You haven’t put the spark of your own personality into it. You and your architect have planned it so you’ll have everything at your finger tips. But it’s just too darned scientific. Have fun! Splash some color around. Rustle up some cute gadgets. It will make all the difference in the world.”

“You’re right,” confessed Julie. “I’ve been completely overruled by it all. I’ll do it! I’ll cut loose and have myself a whirl!”

Two things make your kitchen truly yours, and not ten other people’s: first, the design and general arrangement to meet your family needs and your own notions of convenience and efficiency; second, your

decorative ideas—your flair for making your kitchen the gayest, cheeriest, most intimate spot in your domestic scheme.

When I step into a modern kitchen that has all the warmth and charm of a hospital, I’m haunted by the memory of a kitchen which I still think is the friendliest room I ever saw. I can remember my grandmother’s plump little figure trotting from table to stove to pantry to sink. Red geraniums bloomed at the window between curtains as white as the frosting I licked from the big blue bowl. A back-fitting rocker by the window had red calico cushions. . . . A row of stenciled pottery jars on a shelf over the kitchen table held rice, oatmeal, barley, and other staples. . . . A great cooky jar, riotously painted with red roses, always rewarded a groping little fist with thin, crisp ginger cookies. . . . A cuckoo clock on the wall made a great to-do over the quarter-hours. Grandmother’s kitchen may have lacked efficient space-planning, but it fairly bubbled over with the warmth of her personality, and the family gravitated there as naturally as they breathed.

LET’S check on some of the exciting and original ideas that will make your kitchen the pride and joy of the whole family. In fact, why not let the family rally round and



Armstrong

Full of oldtime charm yet efficient is this Early American kitchen with its pert red-and-white gingham and choice old bits on the window sills

help with the planning, from bare walls to finished product? They'll use it loads more. It's such fun to entertain at Sunday-night kitchen suppers, where everyone, including guests, pitches in and helps. The children adore it for fudge and popcorn parties; in fact, you'll find that a gay, homey kitchen is the center of all household activities.

Since you spend so many hours in the kitchen (keep track of the time for a few days and you'll be simply dumbfounded!), doesn't it seem reasonable that it should be one of the most attractive rooms in the house? Even an old kitchen that's waiting to have its face lifted can be made so charming that you'll scarcely recognize it as the same ancient hangout after its rejuvenation with gay curtains, growing plants, and amusing decorations.

WHETHER you're starting from scratch with a brand new kitchen, remodeling, or making the best of what you have, your kitchen should have a theme-song of color. Here is one place where you can really let your love of color go into high gear. Red is far and away the favorite accessory color for kitchens, probably because most people adore it but hesitate to use much of it elsewhere. Red, white, and a deep, bright blue make as slick and gay a combination as you could ask for. Then there's red, white, and gray; red, white, and black; and red, white, and green, all with enchanting possibilities.

Other lively combinations are yellow, white, and blue (either delft, or a deeper tone); yellow and black with a dash of red; cool green and white with lemon-yellow. Red, blue, yellow, green, black (and, of course, white) are standard shades in kitchen accessories, so by sticking to these primary colors in deciding on your main

→ Circles sing the theme song in this sunny kitchen—on the furring, chair slips, linoleum. Like the breakfasty? The curtains from above and below? The open shelves for the breakfast china and appliances? So do we

Modern as today but packed with personality! The red-on-white stencil-like border is wallpaper, repeated on two of the cupboard doors. Crisp white organdy curtains boast red cotton braid and red cherries

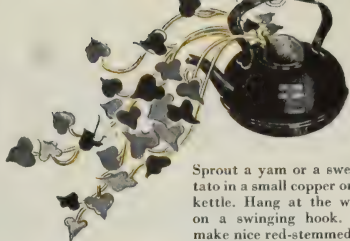


Hedrich-Blessing

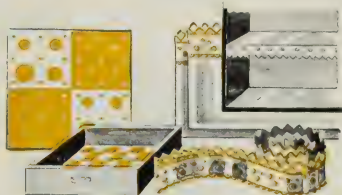
color combinations, you'll be able to work out entire ensembles with little trouble or expense.

I love shiny white in a kitchen. It's so fresh-looking and so immaculate. But it's at its best when kept under control, with plenty of color and spice for interest. If you have white cabinets, try a colored ceiling, with linoleum floor in a deeper shade. Or reverse the scheme, using colored walls, white ceiling and woodwork.

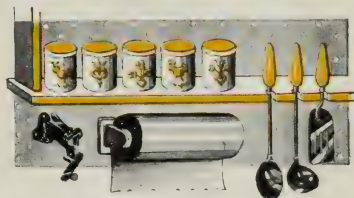
If you're that way about wallpaper, by all means have it. Or maybe you'll want it in your breakfast alcove, with just a bit in the kitchen. There are gay-patterned papers and wall-coverings that are really washable, won't grease-spot, and will clean as satisfactorily as a painted surface. Or you might use paint, but add a dashing wallpaper border below your ceiling, or as a dado around the room. Another smart wallpaper stunt is to cut out individual motifs from a suitable pattern with a large figure. Apply them with rubber cement as a wall border or on your cupboard doors. Fruit clusters, flowers, and little peasant figures make clever motifs when used this way. [Turn to page 58



Sprout a yam or a sweet potato in a small copper or brass kettle. Hang at the window on a swinging hook. Yams make nice red-stemmed vines



It's fun to pull out kitchen-cabinet drawers treated to gay, washable, long-lasting lining paper. Non-curl shelving and shelf edging come to match



A handy rack shows off colorful handles and keeps articles at your finger tips. Too important to hide are can-openers, paper-towel racks, and such



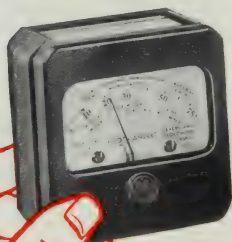
↑ Decalcomania designs suit walls or cabinet doors, with matching miniatures for chairs, canisters, and accessories, at small cost. In briefest minutes dip the designs in water, slide off the backing paper onto surface to decorate, and smooth

Sleigh bells tinkle at the kitchen door, announcing arrivals. Paint bells and the leather band gaily, or tie to braided raffia, fasten on leather thong, run it thru a hole in the door frame. Outside hang one sleigh bell on the thong's end. Fun to let them ring in supper



Save Their Eyes

AT HOME — AT SCHOOL



↑ This is a light meter. With it your local lighting expert tells you whether lighting conditions are kind to your eyes

By Gladys Denny Shultz

WHEN our children come into the world, all but a few have good eyes. By the time they're 50, the majority will have developed serious eye defects—UNLESS WE DO SOMETHING ABOUT IT!

Watch the way eye difficulties progress from that low at birth, given as 3 percent by some authorities, to approximately 75 percent in middle age. In the grade-school years, 15 percent have become near-sighted, or have other eye troubles; by the time they reach high school, 24 percent. Thirty-one percent of college freshmen are reported defective in vision, and 40 percent of those receiving diplomas from college.

Think of it! If 40 percent of our college graduates had to take their degrees on crutches, as a penalty for being educated, folks would have been asking questions long ago. At last we've begun to wonder why so many visually sound boys and girls become eye cripples so soon after their education starts, and why the percentages rise so alarmingly. Better yet, things ARE being done about it.

One of the serious contributing factors to our bad record is lack of light. Poor light spells strain, and strain spells trouble. We take our 5-year-olds away from the generous light of outdoors for which eyes were made and keep them indoors much of the time at close tasks. And what kind of light

do we give them? That's our responsibility.

If you're strong enough to stand a real shock, call your electric company and ask it to send someone to your house with a light meter. This small but wonderfully and woefully revealing gadget measures footcandles; that is to say, the amount of light thrown on a surface one foot away. This is the unit of light measure used. Experts tell us that children should have at least 20 footcandles for reading ordinary print, and from 20 to 50 for fine type, for study, and for long or difficult tasks.

The sad truth is that in most of our homes the footcandle average is 6 to 8. In most of our schools, it's 4 to 5. No wonder three-fourths of us have some form of defective vision by the time we're 50!

IF YOUR children in school become nervous and irritable, have fits of temper, do badly in their lessons, are poor readers, eyestrain is one of the first things to check. Teachers should take heed when pupils blink constantly while reading, don't pay attention to seeing tasks, keep rubbing their eyes, hump over their desks while working, thrust the head forward in order to see better.

Not all eye troubles are due to poor lighting, but lack of proper light augments

any weakness that may exist. Quite simple measures, undertaken at home and at school, will keep good eyes good and be a prime factor in treating the rest.

Every child, a year before starting to school, should have an eye examination so that corrective measures, if needed, can be well under way before the strains of school begin. Eyes should be examined frequently thereafter. Presence of defects is a warning that home- and school-lighting schemes should also be investigated. Many researches reveal that improved lighting aids defective eyes proportionately more than normal eyes.

HOWEVER, if you ever have a light meter in your home or in your child's school, my guess is that you won't wait for defects to show up. I found, for instance, that there was practically no light at all by my favorite reading perch, or on the place on the floor where Pete spreads out the funnies every night. In spite of posture training and my lecturing, on the floor he plops. Young eyes in the formative stages are particularly susceptible to the effects of strain. Nearly all homes and schools built more than two or three years ago, and those built more recently without careful study of lighting, need light reconditioning. When you do your spring redecorating, keep the children's eyesight in mind. [Turn to page 90



Parade Studios

↑ Play needs good lighting, good posture. Tailor a card table to Junior's correct playing height. An I.E.S. three-light floor lamp gives proper lighting here



↑ For study, place the I.E.S. reading lamp, fitted with 100-150 watts, at the left center of the desk. It will guard eyes thru junior high and college

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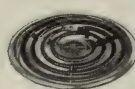
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Vegetable Salad—with a Difference!



MRS. KNOX'S COMPLEXION SALAD

(Serves 6—uses only ¼ package)

- 1 envelope Knox Gelatine
- ¼ cup cold water
- 3 tablespoonfuls mild vinegar
- ¾ cup carrots, grated fine or shredded
- 2 tablespoonfuls chopped parsley or raw spinach
- 1 cup hot water
- 1 tablespoonful lemon-juice
- 1 teaspoonful salt
- ¾ cup cabbage, grated fine or shredded
- 2 teaspoonfuls onion-juice (extracted by grating onion)

Soften gelatine in cold water. Add salt, hot water. Stir until dissolved. Add vinegar, lemon-juice, onion-juice. Cool. When mixture begins to thicken, add remaining ingredients. Turn into mold that has been rinsed in cold water. Chill. When firm, unmold. Decorate with raw carrot and green pepper. Serve with Knox special recipe low-calorie mayonnaise.

NOTE: Don't confuse Knox Gelatine with factory-flavored gelatin desserts which are about 85% sugar. Be sure to use pure Knox Gelatine.

SATISFYING, BUT ONLY 18 CALORIES PER SERVING!

It's so delicious, you won't believe this salad has only 18 calories a serving. If you've been keeping a watchful eye on the scales and a wistful eye on delectable dishes—here's grand news. The Knox booklet, "Be Fit—Not Fat," contains dozens of tempting salads, luscious desserts—with calories cut from 1½ to ¾. You'll even find special butter and special mayonnaise that don't add calories! This remarkable little booklet is yours free. Send coupon below.

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Name _____

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Mushrooms—Oh Boy!

Here's the essence of mushroom information, fresh or canned—how to buy, how to prepare, how to serve—briefed for quick reference

By Louise Price Bell

A HOT PLATTER . . . a thick, man-sized steak perfectly browned and fairly bursting with tantalizing juices . . . bits of crispy green water cress dotted here and there . . . what more could one ask? *Mushrooms!* Small and whole, or large and sliced, delicately broiled or fried, glossy with butter, well-seasoned, heaped in abundance over the aforementioned steak—that makes a dish indeed fit for a king!

"But mushrooms are expensive!" maybe you wail.









Aha! There you're wrong. The day has passed when mushrooms were indulged in only by the brass hats. Price them in your local market. They're far cheaper than they were even a year or two ago. The most thrifty, pennywise homemaker may serve them now without a conscience pang. And there's this to

remember: A few mushrooms—because of their penetrating, inimitable flavor—will go a long, long way, and are happy additions to many dishes which may not even call for them. For mushrooms are at their best when combined with other foods. So really we pay very little for value received.

Mushrooms sold fresh, in cans, or as mushroom soup, are babied and guarded from the start. Growers are fussy about air temperature, humidity, and ventilation. Mushrooms for soups and canning are fairly zipped to the factories. Fresh ones are boxed or basketed and sent posthaste to your market. Small wonder the mushrooms we buy still have that fine, fresh flavor.

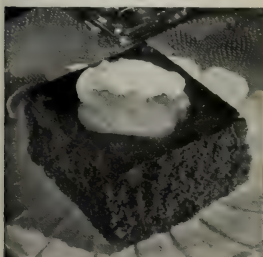
If you haven't yet, do try combining cream of mushroom soup

Versatile Cream of Mushroom Soup

	+	Celery Soup + Asparagus Soup	=	
Cream of Mushroom Soup				Luncheon or first-course soup for an occasion
	+	Chicken Soup topped with whipped cream and chopped parsley	=	
Cream of Mushroom Soup				Old-fashioned Velvet Soup
	+	Sprinkle layers of sliced potatoes with chopped green pepper and minced onion. Season. Add Cream of Mushroom Soup. Cover, bake at 350° about 1½ hours.	=	
Cream of Mushroom Soup				Scalloped Potatoes Supreme
	+	Cut veal steak in serving pieces; dredge with flour, brown in hot fat; season; add a bit of chopped onion and Cream of Mushroom Soup. Cover, simmer till tender.	=	
Cream of Mushroom Soup				Chicken Fried Steak with Mushroom Gravy
	+	Alternate layers of flaked tuna, crushed potato chips, and Cream of Mushroom Soup. Bake at 325° 30 minutes.	=	
Cream of Mushroom Soup				Baked Tuna Pie

TRY MY DELICIOUS
NEW
**GINGERBREAD
DESSERT**

It's festive, but
simple—and
has the delici-
ous flavor of
New Orleans
molasses



**BRER RABBIT'S
GINGERBREAD BETTY**

Make Brer Rabbit Gingerbread (following recipe on page 6 of Brer Rabbit's new cook book). While warm, cut gingerbread in squares. Scoop out center of each square and fill with apple sauce. Sprinkle with cinnamon and top with sweetened whipped cream.

with other soup flavors as a delicious first course or a luncheon mainstay. And cut corners on time by using canned mushroom soup as a cooking ingredient. Made by capable chefs, it forms a wonderfully flavored sauce for use in meat and fish casseroles, and as a base for countless creamed dishes.

If They're Canned—



Serve whole
Brown in butter
Serve with steaks



In combination
with other foods as
chicken a la king



Sauces and gravies

If They're Fresh—

Quality mushrooms should be firm, clean, well formed, and without spots or blemishes. Wash; but don't soak. Don't peel. Cut off tip of stem. Cook whole, quartered, or in lengthwise slices; stems, too, if you like. Don't overcook.

To fry: Melt 3 tablespoons butter; add $\frac{1}{2}$ pound sliced or quartered mushrooms sprinkled with flour; cover and cook over low heat until mushrooms are tender, about 8 to 10 minutes. Stir occasionally. Season to taste.

To cream: Follow method for frying, using 2 tablespoons flour; when mushrooms have cooked 5 minutes, add 1 cup thin cream or milk. Cover and simmer 5 minutes. Season with salt and pepper.

To broil: Remove and chop stems; season with salt and pepper; use to fill hollows. Place in shallow pan; brush with melted butter or salad oil and broil 10 minutes.



**"Dedicated to the
BEST COOKS
in the World"**

NEED we explain the title further? Who ever heard of a better cook than your mother? *SO Good Meals* for the next issue is devoted to those delicious recipes (your mother kept them in her head and applied without measuring!) and meals she used to cook. Our mouth is watering, too!

Why should menus ever be dull— TEMPTERS LIKE THESE ARE SO EASY!



And every dish a hit—every appetite
happy—when you use this finer tuna!

This appealing quartet is just a starter. Once you really know Del Monte Tuna—the sky's the limit!

But remember—there is a genuine difference in tuna. A difference you can see. A difference you can taste.

As you open every Del Monte can, notice how evenly cut, how smooth-grained this tuna is. Every firm, flaky piece looks grand—is grand!

For Del Monte selects just the smaller, more tender tuna—then packs it in two styles. Solid Pack and Shredded—instantly ready to do you proud. Try *both*!

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Del Monte Tuna

FOR FINER FLAVOR IN EVERY TUNA TREAT YOU SERVE



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52-PAGE BOOK
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116 recipes. Gingerbreads, cookies, cakes, breads, main dishes, puddings, ice creams, candies. 20 photographs. Washable cover!

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(Print name and address)
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City _____ State _____

"Each guest enjoys making his own
SALAD BOWL at my **SALAD BAR**"

—says

Mrs. HENDRIK VAN LOON
wife of the famous author and historian



THE WESSON SALAD BAR

FIRST Prepare and arrange on small plates around the Salad Bowl

Chicken and cheese cut in thin strips
Sieved hard-cooked eggs
Anchovies or smoked herring
Finely chopped green pepper, chives
Sliced radishes

THEN

Mix in Salad Bowl

1/2 teaspoon salt	Dash of anchovy paste	} optional
1/2 teaspoon pepper	Touch of garlic	
1/2 teaspoon dry mustard	1/2 cup Wesson Oil	
1/2 teaspoon paprika	2 tbs. vinegar or lemon juice	

This is enough for a salad for six. Then place chilled, torn lettuce or other greens in the Salad Bowl and toss all together.

NOW—Serve a portion of green salad to each guest; let him add his own selections from the side dishes. He then mixes these with his salad to get the tang of the dressing."

Wesson Oil is America's favorite for salads, for waffles, for delicious vegetable cookery and for crisp, digestible fried foods. Get Wesson Oil and the other essentials for this new idea in salads at your grocer's.

Send for **FREE Booklet**—"The Wesson Salad Bar"



WESSON OIL & SNOWDRIFT PEOPLE, DEPT. LL
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Gentlemen:
Please send me free your new booklet "The Wesson Salad Bar"—all about the smart, new way to serve the Wesson Salad Bowl.

NAME _____

ADDRESS _____

CITY _____

STATE _____

See Cooks' Round Table of
Endorsed Recipes on Next Pages

"We Feed Custards to Company"

Says Prizewinning
Mrs. Zier

Company Custards beat Meat
Miscellanies to cooks' first prize

DO YOU make custards for the young and apologize to your hubby? Then you're in for a mental somersault. For out of our recent Cooks' Contest for Custard Desserts and Meat Sundries have come a host of all-family desserts and company specials. First prize of \$5 to Mrs. George B. Zier, Lorain, Ohio, for luscious Lemon Custard in Meringue Cups—as nice a dessert as ever topped off a spring luncheon.

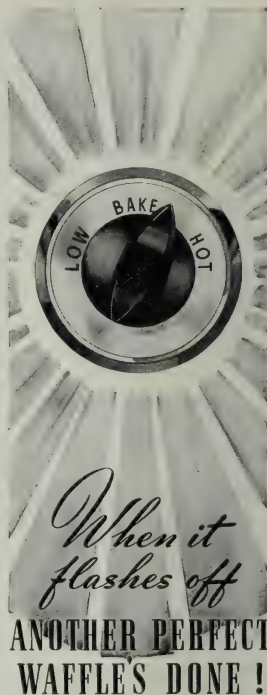
Next in honest-to-goodness were the 20 one-dollar Honor Roll winners. The next two pages house our favorites. You'll turn handsprings over Liver Loaf whether you're a liver-lover or not. Broiled Sweetbreads and Pineapple team up with mushroom soup. Pineapple Custard is yummy alone or on sponge cake. Pompadour Pudding wears a superb chocolate chest. Maple Sauce lifts cup custards out of the ordinary. Stuffed Veal Hearts boast the fluffiest of insides. And Breaded Kidneys make a corking breakfast dish with bacon. A real Swedish favorite.

Honor Roll

Mrs. J. J. Terrell, Seattle, Wash.
Mrs. E. M. Myhra, Ladysmith, Wis.
Mrs. King Nelson, Minneapolis, Minn.
Mrs. Rose H. LeFever, Los Angeles, Calif.
Mrs. Frederic H. Kock, Cincinnati, Ohio
Mrs. Lou Morin, Spokane, Wash.
Mrs. J. W. Johnson, St. Louis Park, Minn.
Mrs. Oma Neal, Urbana, Ohio
Mrs. A. J. Sterner, Erie, Pa.
Mrs. M. E. Sakmar, Pittsburgh, Pa.
Mrs. Beatrice Kolar, Chicago, Ill.
Mrs. E. A. Wise, Cedar Rapids, Ia.
Mrs. Bayard Taber, Webster Groves, Mo.
Mrs. Ernest T. Engel, Worcester, Mass.
Helen Craven, New York City
Mrs. E. L. Woodward, St. Louis, Mo.
Mrs. I. H. Bell, Shreveport, La.
Mrs. H. L. Wadell, Willmar, Minn.
Mrs. Robert A. Warfel, Columbus, Ohio
Mrs. Ralph Merriam, Chicago, Ill.

**Chop, Chop, Chop—
Well, All Right!**

OR MAYBE you're not a jive addict but just a plenty good cook. Then chops are still all right, for they're half of our Cooks' Contest this month, co-starring with luscious loaf cakes. Five dollars go to the winnab; one dollar apiece to the 20 next-bests. If folks rave over your winning way with a chop, tell us about it. Lambs, calves, and porkers all have 'em. They might be baked, broiled, fried, or stuffed, with or without sauce. If there's a sauce or stuffing, include it. [Turn to page 71



There's a little red flasher in the bow of this beautiful, streamlined new Toastmaster waffle baker. And it tells all that waffle addicts want to know. It signals when the grids are hot enough to start, and again the instant another perfect waffle is done. Automatic operation, instant heat control, and speedy waffle output . . . it's uncanny! Now waffle parties are sure-fire social hits—especially if you have the stunning new Toastmaster Waffle Service, all complete, \$16.95. Waffle baker alone, \$12.95. Other Toastmaster* products \$7.50 to \$23.95.



TOASTMASTER
AUTOMATIC SIGNAL TYPE
WAFFLE BAKER

*"TOASTMASTER" is a registered trademark of MCGRAW-HILL ELECTRIC COMPANY, Toastmaster Products Division, Elgin, Ill.

COOKS' ROUND TABLE

of Endorsed Recipes*

*R.D. Co. N. York, N.Y.

Custard Desserts

Breaded Kidneys

"From Sweden came this easy way with kidneys."

- 2 veal kidneys
- 1 beaten egg
- 1 tablespoon water
- 1½ cups dry bread crumbs
- ¼ cup fat
- Salt and pepper
- ½ cup water
- 6 slices bacon

Soak kidneys in salt water 1 hour. Remove membrane; slice each kidney in 4 pieces. Dip slices into egg mixed with water, then into bread crumbs. Brown in hot fat; season to taste. Add ½ cup water; cover closely and simmer 20 minutes. Garnish with crisp bacon. Serves 6.—*Mrs. Ernest T. Engel, Worcester, Mass.*

Stuffed Veal Hearts

"A Czechoslovakian hausfrau started me off."

- 2 veal hearts
- 2 tablespoons salt
- ¼ teaspoon celery salt
- chopped onion
- 3 tablespoons fat
- 1 16-ounce can consommé
- 2 whole cloves
- ¼ teaspoon whole black peppers
- ¼ teaspoon pepper
- 1 bay leaf

Clean hearts, removing arteries and veins; make pocket for stuffing. Lightly brown onion in hot fat; add cracker crumbs and seasonings; mix well. Add water. Stuff hearts with this mixture; tie with string. Brown in hot fat; add consommé, cloves, black peppers, and bay leaf. Cover tightly and cook slowly 1½ hours. Serves 6.—*Helen Casari, New York City.*

Broiled Sweetbreads and Pineapple

"Two friendly flavors take a mushroom topcoat."

- 3 pair sweetbreads
- 3 tablespoons fat
- 6 slices of pineapple
- 1 10½-ounce can condensed mushroom soup
- ¼ cup water

Soak sweetbreads in cold water 30 minutes; drain. Dip into 1 quart boiling water; add 1 tablespoon oil and 1 tablespoon vinegar; cook 15 minutes. Drain; cover with cold water. Drain and remove membrane. Slice; brown in hot fat. Remove and brown pineapple. Serve sweetbreads on pineapple slices; pour over heated mushroom soup mixed with water. Serves 6.—*Mrs. I. H. Bell, Shreveport, La.*

Lemon Custard in Meringue Cups

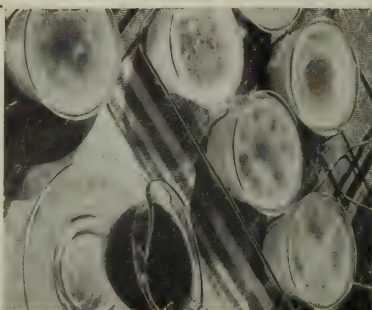
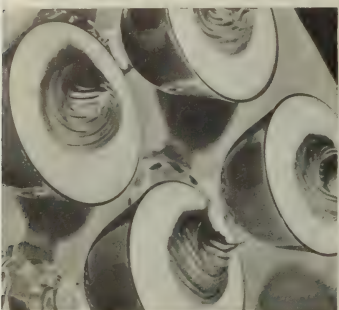
"Solves the stumper of what to do with yolks"—
 ¾ teaspoon salt
 1½ cups boiling water
 3 egg whites
 1 cup sugar

Lemon Custard

Add salt, vinegar, and vanilla extract to egg whites; beat to a stiff foam. Add sugar slowly and continue beating until very stiff. Spoon in mounds on cookie sheet covered with plain ungreased paper; shape cups with spoon. Bake in slow oven (300°) 45 minutes. Remove from paper immediately. Cool. Fill with:

- 5 tablespoons cornstarch
- 1½ cups boiling water
- 3 beaten egg yolks
- lemon rind
- lemon juice
- juice of 2 lemons
- 2 tablespoons grated

BETTER HOMES & GARDENS, APRIL, 1940

**Pineapple Custard**

"Luscious alone or as topping for sponge cake!"—

- ½ cup sugar
- 1 teaspoon lemon juice
- 1 tablespoon salt
- 1 14-ounce can pineapple, spoon-size cubes
- 1 cup pineapple sirup
- 1 cup heavy cream, whipped
- 4 slightly beaten eggs

Combine sugar, salt, cornstarch, and pineapple sirup drained from canned pineapple; cook in double boiler until thick. Add slowly to eggs and lemon juice; return to double boiler and cook until mixture coats spoon. Chill. Fold in pineapple and whipped cream. Serves 6.—*Mrs. H. L. Waddell, Wilmar, Minn.*

Cup Custard With Maple Sauce

"Maple sauce makes it a command performance!"—

- 3 slightly beaten eggs
- 2 cups milk, scalded
- ½ cup sugar
- 1 teaspoon vanilla
- ½ teaspoon salt

Combine eggs, sugar, and salt; add milk slowly; add vanilla. Pour into custard cups; place in pan containing ½ inch hot water. Bake in moderate oven (350°) 40 minutes. Serve with **Maple Sauce**. Combine 1 cup brown sugar, ½ cup water, ½ teaspoon salt, 1 tablespoon flour, and 1 teaspoon butter; cook until thick, stirring constantly. Cool; add few drops maple flavoring. Serves 6.—*Mrs. Robert A. Wraight, Columbus, Ohio.*

Pompadour Pudding

"Grand for youngsters, yet a hit with grown-ups!"—

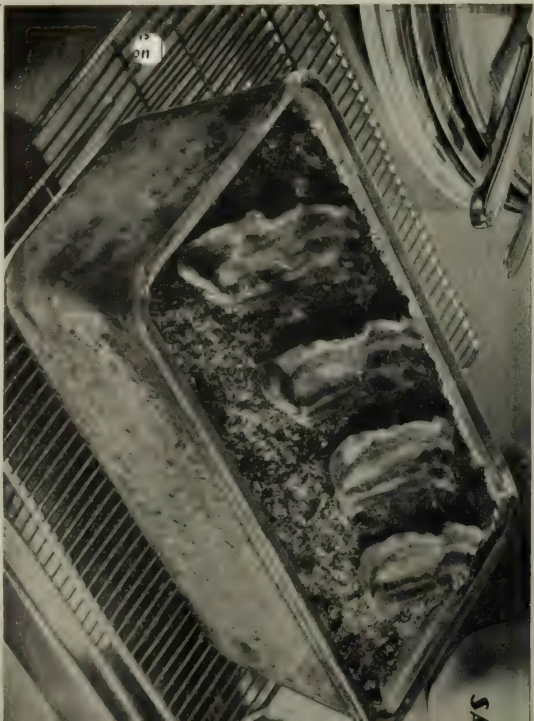
- ½ cup sugar
- 1 beaten egg
- 2 tablespoons flour
- 2 cups milk, scalded
- ½ teaspoon salt
- 2 beaten egg yolks
- ½ teaspoon vanilla

Combine sugar, flour, salt, egg yolks, and egg. Add small amount milk; blend; stir into remaining milk. Cook in double boiler, stirring constantly. Cool, add vanilla. Chill; pour into sherbet glasses. **Topping:** Add ½ cup confectioners sugar to 2 stiff-beaten egg whites; beat stiff. Slowly add one 1-ounce square unsweetened chocolate, melted, ½ teaspoon vanilla, and ½ teaspoon salt; beat. Chill. Serves 6.—*Mrs. Beyond Taber, Webster Groves, Mo.*

COOKS' ROUND TABLE

of Endorsed Recipes*

Meat Sundries



"Even unguined liver-lovers bow down!"

Liver Loaf

- 1 pound beef liver
- 1 medium-size onion, chopped
- ½ pound pork sausage
- 1 cup dry bread crumbs
- 1 teaspoon Worcestershire sauce
- 1 tablespoon lemon juice
- 1 teaspoon salt
- ½ teaspoon pepper
- 1 teaspoon celery salt
- 2 beaten eggs
- ½ cup stock
- 4 slices bacon

Cover liver with hot water; simmer 5 minutes. Drain liquid and reserve for stock. Force liver and onion thru food chopper, using medium blade. Add remaining ingredients, except bacon. Form in loaf in 5½- by 10½-inch pan. Top with bacon strips. Bake in moderate oven (350°) 45 minutes. Serves 6 to 8.—*Mrs. E. L. Waddell, St. Louis, Mo.*

Springtime Miners: Hot tomato bouillon, liver loaf, creamed new peas and potatoes, chilled asparagus tips on garden lettuce served with French dressing, whole-wheat rolls, baked cup custard, macaroni, walnuts, coffee, milk for children.



EVERY HOUSEKEEPER NEEDS A GOOD RECIPE FOR CHOCOLATE BREAD PUDDING!



Many's the time it saved the day for me!" twinkles Grandma. "My family loved this easy, inexpensive dessert I made with **BAKER'S CHOCOLATE**"

Grandma's reputation for setting a wonderful table wasn't based entirely on a wish hand with the eggs and butter, or a disposition to spend her life in the kitchen. Grandma knew an easy trick or two about appeal and flavor!

So—when Grandma made bread pudding she made it *crispy* on top . . . *creamy* inside . . . "dressed" with meringue . . . and *rich* standing as all get-out with Baker's Chocolate!

And why did Grandma set such store by Baker's Chocolate? Because Baker's is rich! contains all the richness of choice cocoa

beans, blended with skill and care. Nothing is removed—nothing added. That is why you can depend on Baker's always to give that delicious, red-brown "real chocolaty-ness" which makes the simplest foods taste *grand*!

Tell your grocer you want the chocolate with the "Baker Chocolate Girl" on the label—famous since 1780. Then try the recipe on this page—treat your family to *Grandma's Chocolate Bread Pudding* this week!

Baker's Chocolate is a product of General Foods.

GRANDMA'S CHOCOLATE BREAD PUDDING

- 2 squares Baker's Unsweetened Chocolate
- 3 cups milk
- $\frac{1}{4}$ teaspoon salt
- $\frac{1}{2}$ cup light brown sugar, firmly packed
- 2 egg yolks, slightly beaten
- $1\frac{1}{2}$ teaspoons vanilla
- 6 slices stale bread, cut in $\frac{1}{2}$ -inch cubes
- 2 egg whites
- 4 tablespoons sugar

1. Add chocolate to milk and heat in double boiler. When chocolate is melted, beat with rotary egg beater until blended. Add salt.

2. Combine brown sugar and egg yolks; add chocolate mixture gradually, stirring vigorously. Add vanilla.

3. Combine bread and chocolate mixture; let stand 10 to 15 minutes, stirring occasionally.

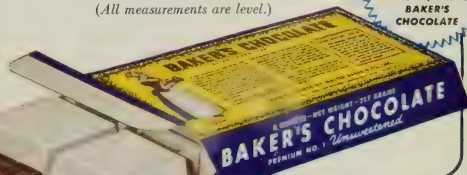
4. Turn into greased baking dish, place in pan of hot water, and bake in moderate oven (350° F.) 30 minutes, or until almost set.

5. Beat egg whites until foamy throughout; add sugar, 2 tablespoons at a time, beating after each addition until sugar is blended. Then continue beating until mixture will stand in peaks.

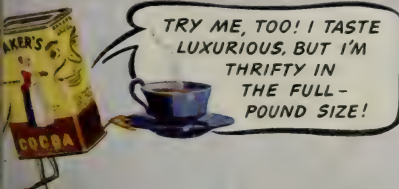
6. Pile meringue lightly in mounds to form a border around edge of pudding. Sprinkle meringue with shaved chocolate and continue baking 8 minutes longer, or until meringue is delicately browned. Serve warm or cold. Serves 6.

(All measurements are level.)

FOR PERFECT RESULTS, FOLLOW THIS TESTED RECIPE EXACTLY, USING BAKER'S CHOCOLATE



FOR RICH, REAL CHOCOLATE FLAVOR AND COLOR get Baker's Chocolate—the quality famous since 1780! Look for the "Baker Chocolate Girl" on the label.



TRY ME, TOO! I TASTE LUXURIOUS, BUT I'M THRIFTY IN THE FULL-POUND SIZE!

BAKER'S COCOA has been famous for generations for the richness which gives it such color and smooth, luscious flavor. Yet today this luxury cocoa is far from luxury-priced. The money you save by ordering Baker's in the full-pound size makes it amazingly economical. And Baker's richness makes it go farther, too! Do try a pound can of Baker's Cocoa this week.

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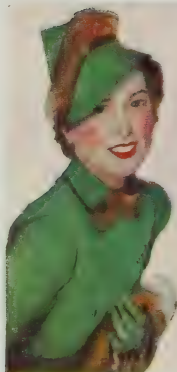
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cleanser for all my
housework?”



BON AMI...it works so fast.
Yet it doesn't scratch or dull
my kitchen sink!

BON AMI... it's safe to use on my costly
refrigerator... keeps it sweet-smelling
and sanitary... shining inside and out!



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bathtub smooth, unscratched—
polished like new for years!



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Isn't this a sensible idea?

So many things depend on the cleanser you use: The appearance of your bathtubs, sinks, and the many other articles you clean. The condition of your hands. The amount of work necessary to get results.

Isn't it sensible to use a cleanser that cleans quickly, thoroughly—yet contains none of the gritty substances that scratch and dull surfaces—none of the harsh caustics that make hands rough and red? Millions of women say “Yes” by using Bon Ami exclusively.

“hasn't scratched yet!”



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Your Kitchen Cut-ups

The right knives make your cutting job easy

By Nancy Barbara Shearer

IT CAN and has happened here! There's been a cutlery revolution, and out of it has come a fine new army of kitchen knives that's turning meal-making into a speedier, easier, and far more enjoyable job.

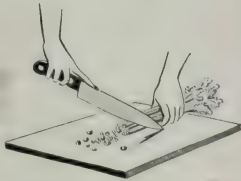
What's more, these new knives are specialists. There's not a cutting task today that hasn't its own clever, specially styled knife. Don't miss a check-up at your best housewares department. You'll be astounded at the way knives have improved and grown more versatile even in the last year or two. They're reasonably priced, too, when you stack up their keen blades, lasting quality, and good looks against the wobbly, perpetually dull, hack-and-whittlers too many of us have made ourselves martyrs to. But don't begrudge the cost of a good knife over a poor one, it's worth it—a hundred times.

What knives do you need? Paring knives used to be—just paring knives. But look at them now! If you hate “de-eying” potatoes and fresh pineapple—a long-handled affair, with a short, pointed blade, will completely restore your genial disposition. For mincing there's a knife with a pot-bellied blade that fits right into the bottom of a tiny chopping bowl. And the way the concave parer takes the curves on round fruits and vegetables! You know how difficult it is to slice or split big things like cabbage, squash, or eggplant. A knife with a long, serrated blade solves that problem—grand, too, for cutting corn off the cob. Even our general-duty parers have come of age, with sharper blades and beautifully balanced handles.

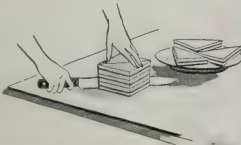
To bridge the gap between small and large knives, middle-sized utility knives have put in a welcome appearance. Coming with smooth or sawtooth edges, they slice fruits and disjoint chicken so effortlessly you'll wonder how you ever managed without. In the same category is the lunch-knife for preparing sandwiches and salads.

Tho not as popular as in crinoline days, the butcher knife does so many rough-tough jobs (cutting raw meats for stews, tenderizing steak, de-buttin' corn) that lots of folks insist on one. The very modern pass it by for a sleek slicing knife. Those with curved, pointed blades are best for slicing meats, cutting pastries, or splitting melons. A boon to entertainers, the narrow ham-slicer cuts cold meats and serves sandwiches as neatly as you please. If you're a bit Scotch, the double-edged slicer is something to get excited about. It's smooth on one cutting edge, serrated on the other.

Now for spatulas. [Turn to page 118



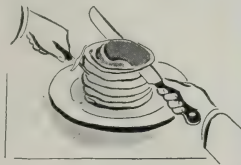
Dice washed celery, rhubarb, or asparagus in a bunch on cutting board. With celery, first zip each stalk lengthwise. The chef's knife dices well. Keep point on board, lift handle high



Sandwiches for the crowd? Copy your favorite eat shop's technique. Zip and off come the crusts. Zip to triangle a stack. Three deckers come out unsquashed if you've a serrated knife



For orange or grapefruit segments, a serrated edge! Cut down on either side of sectional membrane of pared, whole fruit. No drizzling; whole segments; lovely salads and fruit platters



A stiff blade carves hot meats into uniform slices. Experts like a blade length twice the width of the roast. Thus a rolled roast 7 inches across takes a 14-inch blade for fast going

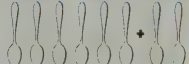



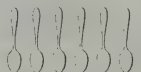
Lan' sakes, chile! Yo' has t'have a thin, flexible blade when yo' slices baked ham or any o' dem cold meats



STANDING AGAINST THE TREND OF RISING PRICES

Community Lowers Prices!

Now, 8's  + 

FOR THE PRICE OF 6's 

SOME THINGS you buy probably have to cost more today. Table silver need not. Pure silver now costs less—and we feel this saving belongs to our customers.

So—at the new low prices on Community Plate—you can have eight pieces of silverware at the former price of six. Thus:

Formerly.....6 teaspoons were \$4

Now.....8 teaspoons are \$4

and all other staple pieces reduced proportionately

The lowered cost of silver is only part of the story. New developments in craftsmanship have improved Community quality, and lowered costs. Furthermore, women bought twice as much Community in 1939 as in 1938. The more silverware we make, the less each piece costs.

The Community Plate now in the stores is the finest ever to bear this honored name. Every fork and every spoon is heavily overlaid with pure silver at the wear point.

But no one can foretell when conditions may force up the cost of silverware. Better get your Community Plate today.

A 26-piece service in Community Plate® is now only \$26, including a tarnish-proof chest. Six lovely open-stock patterns. Budget terms.

COMMUNITY PLATE

Leadership in Design Authority

And for those who are seeking even lower prices, there's TUDOR PLATE®, also made by Community craftsmen 26-piece service now only \$14.50.

TRADE MARK

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YOU CANNOT afford to let shabby window shades spoil the appearance of your home when Columbia dealers have special values in Columbia genuine cloth shades. There is nothing better than lovely Columbia cloth window shades to add fresh charm to your room furnishings and reflect your own good taste. At these values you can easily buy quality at no extra cost, for Columbia makes all styles, many types . . . including shades that really are washable. You may select a soft texture or a glossy smooth surface, and among the many popular decorators' colors available—LEGHORN, PARMENT, and PEACHSKIN are the most favored for the coming season. You'll have long wear, quality, and charm whichever of these genuine cloth window shades you choose. These shades set the style for lovely windows.

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It is easy to buy genuine Columbia window shades. There are stores and shops everywhere to take care of your needs. Don't be fooled about price and quality—look for this sign, displayed by your local dealer, when you buy, and always ask for Columbia cloth shades mounted on guaranteed Columbia Shade Rollers. Then you will be delighted with your purchase and sure of window shades that give long wear and added charm to your home.



THE COLUMBIA MILLS, INC.
225 Fifth Avenue, New York

College-made Homemakers

WILL college ruin your daughter's chance of becoming a good homemaker? Are women's colleges "henneries" and suppressed-desire manufacturers? Are coeducational universities merely places for a girl to hook a husband? What effect are the colleges today to have on the family life of tomorrow?

Two fearless gentlemen attempt to answer these questions in next month's issue—in a battle of words with no quarter given in frankness and candor. If you're squeamish, don't read this double feature. . . . **NEXT MONTH**

Slip-Cover Be Smart!

[Begins on page 18]

developed. There's noticeable improvement in this year's ensembled prints. They tie in more closely than those of last year and there's exact duplication of colors in solids, stripes, florals, plaids, and conventionals so they can be ensembled. In the textured fabrics the surfaces are fairly smooth and the pattern isn't too prominent. They appear to be designed to give a plain feeling in a subtle manner.

THE popular sailcloth of last year is being supplanted by Gibraltar cloth both in the plain and patterned fabrics. It's a rather heavy, tightly woven, smooth cloth and will be strongly played up for its durability and smartness. Then you'll hear a lot about dustproof fabrics constructed to give added protection to the furniture's under-covering. Weltings match perfectly this year and are made either of matching plain color or of self-patterned fabric. The kick pleat returns with greater acclaim than ever, but attention is focused upon a more substantial underlay so pleats will hang flat, insuring a neatly tailored slip-cover. Trimmings are being used with a light hand; no more "gilding the lily."

MORE than ever, stress is being laid on improved workmanship, tailoring, and fabric quality. This combination promises greater acceptance of slip-covers not only for summer but the year around. Even outdoor furniture is taking to slip-covers. Special fabrics for outdoor and porch slip-covers are water-repellent, sunfast, and washable. These come in an impressive variety of stripes, plaids, florals, and novelties, with matching solid colors to ensemble with any or all of them.

This year's slip-cover color program revolves around pastels. Not only are colors softer, less vivid than those of last year, but they're also cooler and refreshing. Lighter backgrounds predominate. Monotone florals and conventionals are delightful, particularly when overshot



NOW YOU CAN AFFORD

Columbia VENETIAN BLINDS

REGARDLESS of your requirements—whether it is the finest custom made or the inexpensive, ready-to-hang blind...whether wood or flexible steel slats—you can now buy a Columbia made blind to meet your most exacting needs. Columbia now offers a complete line of fine blinds with the many exclusive features and fine workmanship that have made them the standard of quality. Three widths of slat, open or enclosed head, or beautifully moulded cornice enable you to obtain just the right blind for your particular window. Regardless of which style blind you prefer, you will find it easy and safe to operate—the patented safety stops, tilting gears, snap stops, and installation brackets insure this. Their enamel finish is a joy to behold and so easy to keep clean. You are assured of long wear and charm at your windows with a Columbia blind.

WHERE TO BUY

Look for this sign at a Columbia Authorized Dealer. He has been carefully selected because of his knowledge of home decoration. He will show you the best in blind quality at a range of prices



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225 Fifth Avenue, New York

with eggshell. The striped patterns include amber and contrasting colors, but with no contrasts that are harsh or vivid. Coral has replaced peach noticeably. Plum, wine, and raspberry hues are used as accent colors chiefly. Tobacco, cocoa, and the lighter, leathery browns replace the heavier, warmer browns of last year. Ashes of roses and the lighter and medium blues promise to be near the top in popularity. Yellow hasn't been forgotten, but it, too, falls into the pastel category. Important, too, in the slip-cover world is the development of the excellent ready-made covers that can be bought in your department stores. So there's no excuse for shabby room upholstery when you can buy and have slip-covers on in an hour's time.

THE dowdy old chair takes the floor again:

"Thanks a lot, slip-cover, for your 1940 fashions chat. According to you, a natty slip-cover in any of those new fabrics would take ten years off my looks. Now there's an idea I could get wrapped up in! You're certain they'll put my lovely floral pattern (if I decide on that one) on straight and match me up on all sides? Well, that's a relief. Glad it's going to be so easy for me to blossom out."

"So my new spring costume will be preshrunk, dustproof, and have colors that defy the sun and laundry . . . and all this combined with style and beauty! Sold! Come over in two weeks and I'll wager I'll be such a grand looker you'll never even know me. 'Bye now—and thanks a lot for everything!"



● **HARMONIZING** with the furnishings of an earlier time, yet filling a definite need in today's home where space often is compact, this solid maple loveseat has authentic Colonial appearance. Dual-purpose, it becomes a single guest bed with innerspring mattress six inches thick, opens with your sheets and blankets in place. There's a selection of upholsterings. About \$100. Pullman Couch Co., 3739 So. Ashland Ave., Chicago.—A. J. O.

GOOD NEWS

for Mr. and Mrs. America!

From Heating and Plumbing Headquarters comes the newest equipment for home comfort, home economy!

NO MATTER how little or big your budget or your home... whether you are building or modernizing... you'll find the *right* Heating Equipment and Plumbing Fixtures to meet your exact requirements in the complete American Radiator & Standard Sanitary line.

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For modernizing you can take advantage of a liberal finance plan without down payment - with as long as 3 years to pay through our Heating and Plumbing Finance Corp. Ask your Heating and Plumbing Contractor to show you **AMERICAN** Heating Equipment and "Standard" Plumbing Fixtures for better living at lower cost!

AMERICAN & Standard RADIATOR & Sanitary

CORPORATION

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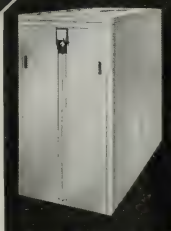
Cast Iron & Steel Boilers & Furnaces for Coal, Oil, Gas • Radiators
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Heating Accessories

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AMERICAN HEATING EQUIPMENT
COST NO MORE THAN OTHERS
"Standard" PLUMBING FIXTURES

New, Efficient Boilers
for oil, gas or coal

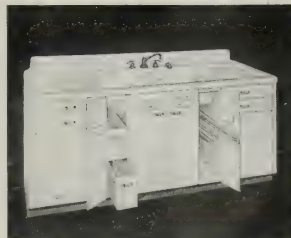
There are Ideal Boilers and complete **AMERICAN** Heating Systems for economical, dependable service, with any fuel, whether automatic or hand-fired. Scientific design and many quality features assure both comfort and fuel savings. Special provision is made for domestic hot water supply.



ARCOLAME OIL HEATING UNIT
Jacket encloses burner.

Smart kitchen sinks
for beauty and efficiency

Kitchen work becomes a pleasure with a modern "Standard" sink. You'll like the deep sink compartments... swinging spout... handy spray hose... roomy storage space in the cabinets and other features. There's a "Standard" cast-iron enameled sink to fit your kitchen, your budget - in the color you like best!



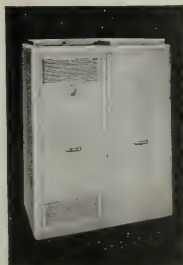
"Standard" 72-INCH HOSTESS SINK:
Double sink compartment and drainboards

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From steel and cast-iron air conditioning units to pipe or pipeless warm air furnaces, Sunbeam offers every type of equipment for heating comfort. There are special models for economical service with oil, gas or coal, hand-fired and automatic. There's one to suit your requirements exactly!

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"SUNBEAM" SERIES M
Gas-fired Air Conditioner.



"Standard" STANWILD GROUP: Master Pembroke
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G-E Winter Air Conditioner (oil or gas) circulates conditioned warm air in winter—filtered free of dust, humidified for greater comfort, better health. Summer Cooling can be added.



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G-E Furnace (for steam, hot water or vapor) gives you the most economical, trouble-free heat. Winter and summer, it furnishes abundant hot water—automatically, at low cost.



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G-E Air Circulating Fans: inexpensive models for use in living quarters or attic. They'll keep the air moving—make it livable—in hottest weather.

GENERAL ELECTRIC

Get full details from your local G-E distributor (see Classified Telephone Directory under Air Conditioning, Oil Burners or Gas Furnaces) or send coupon. GENERAL ELECTRIC COMPANY, Div. 199-313, Bloomfield, N. J.

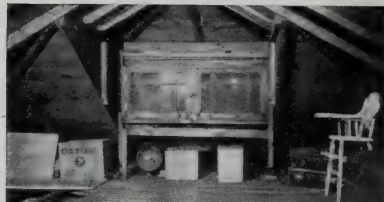
Please send me literature on G-E: ☐ Oil Furnace for radiator heat; ☐ Oil Winter Air Conditioner for warm air heat; ☐ Oil Burner for my present furnace; ☐ Gas Furnace for radiator heat; ☐ Gas Winter Air Conditioner for warm air heat; ☐ Summer Air Conditioning; ☐ Air Circulator.

Name _____

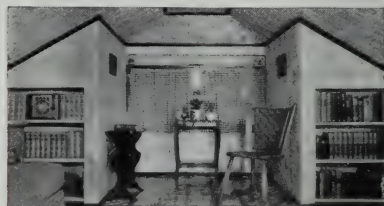
Address _____

From Attic Catch-All to Family Den

By Catherine Campbell



Before Ours was a partly floored, unfinished attic, icy in winter, an oven in summer. By changing a hot-air duct, we brought heat directly there from the furnace



After Our attic room is now closed in snugly and attractively with insulating board, gay wallpaper, and discarded moulding from downstairs. Flooring and linoleum, built-ins, and cozy furniture complete our den

THE prettiest room in our house, complete with built-in bookcases, linoleum, and a warm-air heating system, cost us exactly \$57.87!

If one family member wants to read in peace while another listens to the radio, the reader goes upstairs, closes the door, sits down in peace and quiet, impervious alike to his own radio, his neighbor's saxophone, and the tumult of the children playing, for our upstairs room is soundproof!

The room is 15 by 10½ feet. The walls are of one-half-inch insulating board; the wood moulding is paneling removed from our dining-room walls; the floor is linoleum; and the heat is supplied by air drawn directly from our warm-air furnace.

OUR house is a typical five-room bungalow built in the middle twenties. Like most of its kind, it has two bedrooms and a bathroom leading from a small hall, with the bathroom between the bedrooms. Since our bathroom, like most, got far too much heat, and since its warm-air register was in the wall adjacent to the back bedroom, we moved the back-bedroom register, placing it directly behind the bathroom one. Thus two rooms were heated from one warm-air outlet, the back bedroom using the surplus heat from the bathroom. This gave us a spare outlet (the bedroom one) direct from the furnace, with which to heat our up-

stairs room in satisfactory manner.

To do this we selected the most convenient and least conspicuous part of the house in which to install a warm-air duct that would connect the upstairs room with the heating plant in the basement. A corner of the pantry proved ideal. It was just four feet from the discarded bedroom outlet and led to the center of the room upstairs. We chose a rectangular warm-air duct to fit into this corner, plastered over it and painted it to look like part of the pantry.

NEXT we extended the back-bedroom warm-air pipe in the basement to meet the rectangular duct, drawing warm air directly from the furnace up thru the pantry to the attic, where we installed a register in the floor. To prevent this room from taking too much heat from the rest of the house, we regulate its flow by a damper in its pipe in the basement.

Itemized Cost of Room

Insulating board	\$27.00
Lumber	2.00
Rectangular warm-air duct 13" x 6" x 10'	10.30
Warm-air register	1.35
Wallpaper and paint	3.00
Linoleum	9.12
Door (unfinished)	4.07
Fittings for door	1.03

\$57.87

"THIS'LL HELP PAY YOUR TAXES"

You save money on upkeep by using Aluminum House Paint for your first coat. It lengthens the time between repaintings.

Because it keeps more oil in the topcoats, the Aluminum first coat makes them more elastic and durable. And because it allows less moisture to get into the wood, the Aluminum first coat cuts down swelling and shrinking. Your paint will weather evenly, won't check and crack so soon.

It's the money-saving way to paint new homes. Also, in repainting houses that have been neglected, use an Aluminum first coater on sills and sash and on the south and west sides where exposure to weather is most severe. Where existing paint is sound, Aluminum House Paint is unnecessary.

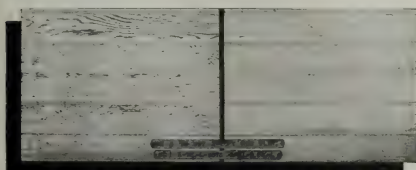
Write for recommendations if you have had paint trouble. Also, get the book "15 Years Behind the Brush". PAINT SERVICE BUREAU, ALUMINUM COMPANY OF AMERICA, 2118 Gulf Bldg., Pittsburgh, Pa.

* * *

Look for the label with the silver disc and wood grain, shown below, when you buy. Paint so labeled is genuine Aluminum House Paint, made specifically for use on wood, by:

Carter Paint Company
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What a Difference! Test panels of Douglas fir siding after six years outdoors facing sun, rain and snow at U. S. Forest Products Laboratory, Madison, Wisconsin. Left, painted with ordinary type first coat and two white topcoats. Right, with Aluminum first coater and same two white topcoats.



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topcoats (2, 3) will last longer...
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—Shows all the lovely, up-to-date colors and patterns; 26 model rooms; new color schemes and furniture groupings—and tells how you, too, may have heavier, fuller-bodied, more luxurious rugs like these at savings of 40 to 50 per cent—

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At Last I Have a REAL Terrace

A human story of achievement, of a family that finally quit day-dreaming of the perfect terrace it would build tomorrow and built one today—not perfect, but an achievement just the same

By Ann Keener

Visalia Studio



This spot was previously a muddy and unneeded driveway. Now, in the hot summer months, the elephants-ears grow to tropical size

FOR YEARS I wanted a terrace. For years I carried around in my heart the picture of my ideal terrace. All that time I never had a *real* terrace for the same reason that my maiden aunt never had a husband. It must be thus and so—exactly thus and so.

There must be a French door between it and the living-room; preferably two French doors. There must be a door between it and the kitchen. In my dreams I saw a succession of gay breakfasts, luncheons, and suppers out there; sometimes the sky would be brilliant with sunset, and sometimes the dew would glisten on the roses, but the terrace itself never varied. The spot must be

covered with a deciduous vine, so there would be the faintest traceries of sunshine thru the shade in July, and the faintest traceries of shadow thru the sunlight in January. But on the velvety lawn there must be a convenient birdbath or pool, so we might sit on lazy days and enjoy the public bathing spectacle of the robins and mocking-birds and sparrows. Above all, there must be privacy, so we might lounge in pajamas on Sunday morning, or in shorts on a hot afternoon.

But none of the places in which we ever lived had the semblance of my terrace. Tomorrow we'd have it. Tomorrow we'd have the money, or the time, or the right conditions.



V. A. Bloxham

Out of old redwood pickets given them for kindling and old bricks dug from a buried basement, the author and her husband built this terrace planned one night in the productive hours of insomnia

But I know now we were just idling away today daydreaming of tomorrow.

Yet we have a terrace just the same. It no more resembles my old ideal than the average good husband resembles a young girl's Prince Charming. But it's a terrace—a terrace that makes torrid days bearable and balmy nights a pleasure we shall never forget.

THE house we bought in one of California's hot interior valleys a couple of years ago didn't have a terrace, you understand, not even a place for a terrace. Who wants a terrace right out in the front yard, with no more privacy than a goldfish? There wasn't a side yard; the space to the west was just a passageway between the house and garage, and the space to the east was a wide, muddy drive, a series of deep ruts and mud holes.

But one night, in the productive hours of insomnia, an idea came to me and grew so fast that, before morning, it was a plan for a terrace. A neighbor had given us some redwood pickets to use for kindling. They were probably older than I, but except for some nail holes and several coats of peeling paint partially covered with several coats of flaking whitewash, they were none the worse for age or use. So we'd use some to inclose a space for a terrace. The only place for this inclosure was a spot just off the northeast corner of the house, where the steps of the kitchen stoop and the steps of the living-room entrance porch both come down. This spot was right smack in the middle of the muddy drive, but we didn't need the drive; the garage could open

onto the surfaced alley. This spot was shaded by several tall ailanthus trees, and a gnarled old apple tree that snuggled right up to the house.

My family was as enthusiastic as I. Even our two boys offered to leave their tree house for a while. We went to work with a zeal that only enthusiasm can induce. We all had a hand in marking off the space and building the fence.

We scraped and repainted the pickets. We brought in wheelbarrow-loads of soil and leveled it. When our backs screamed their rebellion, we piled in the car and scoured our town for broken pavement slabs with which to "flag" our terrace. But there were simply none to be found. We could have poured a concrete floor, but that was much too stiff and formal.

WE HAD just decided that the good earth would have to be our floor when we struck a bonanza of bricks. This sounds fishy, but it's the truth. While spading the deep border that was to be a buffer between the terrace and the world, we started unearthing bricks. First one, then another, and another! Neighbors stood around and watched and speculated. Down and down went the buried wall of bricks. Mortar was rotten but the bricks sound. Little boys from neighboring houses were sure we'd discover a treasure and quarreled over their turn at digging. I never before had a flower bed dug so willingly or so deeply.

We never did find a treasure, nor did we find a skeleton, but, after two days of excited digging, we did have a flower bed and a paved terrace. For as bricks were unearthed, we laid them. Little [Turn to page 128]

Here's that New Maytag!



The new Master Washer that makes home washing-

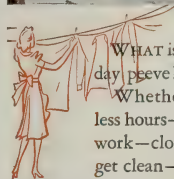
Easier
on you!



Easier on
your clothes!



Easier on
your purse!



WHAT is your pet wash-day peeve?

Whether it's the endless hours—back-breaking work—clothes that never get clean—a wringer that doesn't dry—the mess—or breakdowns—just name it—then dare this new Maytag Master washer to do something about it. And get set for the surprise of your washday career!

NEW FEATURES HELP WASH
50% MORE CLOTHES

Here, now, is the first washer with everything it takes to banish every washing bugaboo you ever had! It's a brand new washer—not last year's model in a fancy dress



—but new from its casters up. The tried-and-true Maytag features are here, of course. In addition, you'll find such new washing aids as touch control, a fool-proof damp-drier and a heat-retaining double tub—plus many other distinct aids to better washing! And this is important—it is the best built washer Maytag has ever produced!

There is one at your Maytag dealer's now—waiting to show you how easy your washing can be. Let it!

FREE TRIAL—Test it at home. No obligation. Pay for your Maytag as you use it. Small easy payments—Your Maytag dealer will give a liberal allowance on your old washer. Available in white or grey finish, with or without water discharge pump. Other Maytag models as low as \$59.95 at factory.



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Kindly send me free booklet telling about
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Hotpoint

ELECTRIC WATER HEATERS
RANGES • REFRIGERATORS • WASHERS AND
IRONERS • ELECTRASINK • DISHWASHERS

Put YOU Into Your Kitchen

[Begins on page 40]



Trays, smartly painted, become kitchen-wall plaques. Have a tinier bore holes at the top for a cord. See page 60

You can work out innumerable combinations for wall and exterior cupboard decorations with decalcomanias especially for kitchens. These motifs and borders can also be applied to wastebaskets, canister sets, glassware, and furniture. Better stick up those for your walls, cabinets, and furniture with thumbtacks first to study the general effect, because once applied they're as permanent as paint. The family will adore a whole series of cunning Mexican scenes in bright colors... jolly little peasants... or a staff of perky maids, pompous butlers, and twinkling chefs. If you have to deal with old-fashioned cupboards with glass doors which you wish were solid, here's a practical solution: Apply your decals to the inside of the glass, so the design shows thru, then cover glass, decals, and all with paint to match your walls. Paste-up decorations (glossy waterproof fabric coated with a strong adhesive) are fun if you want to work out special designs.

SCALLOPED wallboard or plywood, painted to match or contrast with your walls, gives you a smart, third-dimensional effect as a drop-ceiling border or a dado, and makes a quaint frame when boxed in at the top and sides of your windows.

Patterned linoleum floors, so eminently practical because they disguise the spots between washings, have set the color scheme for many a delightful kitchen. Or have your plain, with the color and interest set in. A new and surprisingly inexpensive method of cutting and laying colored linoleum insets and borders gives you a completely individual design, custom-tailored to your own kitchen.

CURTAINS are a whole chapter in themselves. Crisp curtains in a kitchen are as essential as crisp lettuce in a salad. If you're nimble fingers, you can create captivating effects with unusual materials. Ginghams, checked and plaid, striped and flowered percales, linens, theatrical gauze in heavenly colors, white and colored organdies and dotted swisses will make your fingers itch for scissors and a sewing ma-

GO MODERN All The Way!



WITH A Hotpoint ELECTRASINK

NOW, in one complete unit, you get these four essential elements of the sanitation work center of the scientifically-planned kitchen of today!

1. **FULL-SIZED SINK**—48 inches, of stain-resistant Porcelain Enamel.
2. **FULL CAPACITY ELECTRIC DISHWASHER**—Washes and dries dishes hygienically clean.
3. **ELECTRIC WASTE EXIT**—Instantly disposes of food waste before it becomes garbage—Clean. Sanitary.
4. **STORAGE CABINET**—24 inches; with handy steel shelves, hooks and towel rack.

Electric Dishwashers, Dishwasher-Sinks and Waste Exits can be furnished separately. Models are available to fit under standard work surfaces or sinks.



● Hotpoint Electrasink actually saves an hour every day. Helps protect the family's health and eliminates forever those most dreaded of all household tasks—"doing the dishes" and "hauling the garbage."

MAIL THE COUPON TODAY!

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Send me more information about the new Hotpoint ELECTRASINK, and other Dishwasher models.

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Hotpoint

ELECTRASINK • DISHWASHERS
RANGES • REFRIGERATORS • WATER
HEATERS • WASHERS AND IRONERS

chine. Designers have been concentrating lately on clever braids and trimmings for kitchen curtains, and even the old stand-by, rickrack, appears in a entire rainbow of delectable colors. If you're lucky enough to have a nice view outside your kitchen windows, hang straight curtains on rings slipped over a rod, so they can be pushed back to admit a full quota of sun and scenery.

WHEN you use heavier materials, such as linen and gingham, it's nice to have matching pads to tie on the seats of your kitchen or breakfast-nook chairs. And don't forget a covey of potholders covered in the same fabric. (Manufacturers have now teamed up to give you matching color in dish towels, bread box, canister sets, wastebaskets, and oilcloth in chair cushions, hot-potholders, and by the yard, all in the same design.)

If you'd rather stick to ready-made, you'll find lots of cottage sets and ruffled curtains to which you can add a dash of your own originality. With plain ruffled curtains, try tiebacks and big bows of gingham or linen to match your color scheme; or a deep ruffled valance hung very full on a separate rod. Figured curtains are so decorative they won't need touching up; but be sure they're extra full. Skippy curtains make your windows look uncomfortable, like a little girl who has outgrown a favorite dress.

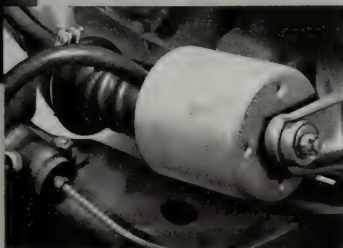
CUPBOARD interiors can give a thrill every time you open a door if you spend a little time and thought on them. Paint the whole interior a color that contrasts with your walls, and thumbtack harmonizing edging on the shelves. Keep those inside colors fairly light. There's a superior paper shelf-edging with a double-layer edge which hangs straight without curling and can be wiped off with a damp cloth. And a brand-new fabric-edging has an adhesive back which holds it in place without thumbtacks! It's a perfect answer if your cupboards are metal. (Or taping which is adhesive on both sides can be bought to apply edging.) Inexpensive little cotton braids or fringes are an unexpected and clever touch for shelf-edging, especially when you've used the same trimming on your curtains.

Colored paper shelving, that is water resistant, and bright oilcloth are grand for covering your shelves—make them so much easier to clean. For a smooth edge that won't catch dust, pull the covering over the front of your shelves and fasten underneath with thumbtacks. Then you can use shelf-edging or not. If you're laying a new linoleum floor, why not have your cupboard shelves covered with linoleum to match?

SINCE you won't have the space for many decorative accessories, make the most of the ones you do use. Simple things with a "kitcheny" slant are the most fun, such as a row of fancy individual tin molds hung as a border around your window. Old copper or brass soup ladles, or even modern ones of aluminum, are lovely for trailing vines that grow in water. Bend the bowl at right angles to the handle [Turn to page 60]



Just touch it without removing your hand from the steering wheel...



Feel a hidden power cylinder supply 80 per cent of the shifting effort—automatically...

Sit back and let the gearshift do the work for you—instead of having to shift for yourself!

Only Chevrolet has this Exclusive Vacuum-Power Shift—80% automatic—only 20% driver effort. You won't find it on any other motor car, regardless of price!

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SINCE THE SELF-STARTER"**

**Eye It.. Try It..
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"CHEVROLET'S FIRST AGAIN!"

*Can you do this
with your steering
column gearshift*

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CHEVROLET MOTOR CORPORATION, DIVISION, General Motors Sales Corporation, DETROIT, MICHIGAN

STREAMLINE MODERN



• This gay and charming group will do things, decoratively, for any dinette or morning room.



• The mirror on this smart vanity is practically 5 feet wide! Every homemaker finds it a joy to use.



• Definitely smart and definitely "Swedish Modern" in design, is this cane panel arm chair.

FOREMOST designers create Heywood-Wakefield Streamline Modern. That's why this smart, sleek furniture looks so attractive; proves so useful in any room of the home. Hundreds of the better stores are now showing Streamline Modern.

• Send 10c to Dept. Y-104, Heywood-Wakefield, Gardner, Mass. for this helpful book on Streamline Modern.



Put YOU Into Your Kitchen

[Continued from page 58]

poke the stem of a philodendron into a deep nest of pebbles, then fill up with water. Hang a pair on either side of a sunny window or at the end of built-in cabinets. If you like to nose around in antique shops, keep your eyes open for some old pottery kitchen jars labeled "Salt," "Sugar," "Barley," "Flour," etc. Their shapes and designs are always decorative, and they're just the thing for growing herbs or geraniums. A pot of chives or parsley in your window is decorative as well as useful. And do have a windowbox of flowers right outside your kitchen window in the summer, with a frivolous little watering pot on the sill.

GAY dish towels come printed in an endless variety of colorful, color-fast patterns. Have lots of them.

Little hanging wall-shelves of white wire and painted tin will hold a bright piece of pottery, a cactus or two, and your favorite cook books. If you've two windows set rather closely together, as many kitchens do have over the sink, why not set a strip of mirror between them? It's such a comfort to be able to give your hair a reassuring pat when you have to answer the doorbell in a hurry.

IT ALWAYS seems a shame to tuck our lovely modern kitchen tools out of sight. Spoons and long forks with colored handles make a pleasant pattern against the wall over your work space, help to carry out your color scheme, and are right at your finger tips when you need them. Aluminum or colored enamelware is too decorative to hide; try to keep a few pieces in sight. One darling kitchen I saw recently made much of a whole row of gleaming copper utensils hung on wooden pegs along the wall. A tiny copper teakettle filled with ivy swung on a miniature crane by the window. The walls were a glorious soft blue that sets off copper to perfection, the cupboards white, and the sheer white tieback curtains had deep ruffles of blue and white checked gingham, repeated in pads on the white ladderback chairs. The copper-colored linoleum had border strips and a center inset of a teakettle in blue and white. Over the kitchen table hung a lovely print of a modern French still-life painting of fruit, a jug of wine, and flowers in glorious yellow and copper tones.

PICTURES in a kitchen? Oh, very much so! The best modern French artists seemed to have had kitchens in mind when they painted some of their finest still-lives. Framed simply, the inexpensive prints are a continuous delight. • Fruit prints framed in passe-partout, wooden plaques painted with vegetables and fruits, and full-color photographs of delectable foods (clipped from magazines and hung under a flat piece of glass without a frame) are just a few of the possibilities. Or buy trays at the department store. Paint, then add a painted design or paste on cut-

*Fix-up
hints
for neglected
corners!*

BY THE MAKERS OF JOHNSON'S WAX



This streamlined "what-not" solves the children's toy storage problem. Any amateur carpenter can build it. Paint brightly—and polish with Johnson's Wax. Give floors and woodwork a glowing coat of this same genuine wax. Then, no matter how hard children play, woodwork will be protected from scuffing, scratches, grimy hands.



Closet closet! A few shelves have doubled its capacity! Wall rack holds 8 pairs of shoes. Below is a handy cabinet. Two-deck shelves overhead for boxes. While polishing the floor with Johnson's Wax to keep this heavy traffic area bright, use Johnson's Wax on shelves and fixtures. It protects woodwork from the prints of groping fingers.

See 100 uses for Johnson's Wax listed on can. Important: Pure Johnson's Wax is economical. A little goes far, gives long-lasting protection. For over 50 years women who take pride in their homes have found it pays to use genuine Johnson's Wax.

**JOHNSON'S
WAX**

Paste or Liquid

S. C. JOHNSON & SON, INC., RACINE, WIS.



outs purchased] or cut from shiny silver, copper, gold, and metallics.

KITCHENS can be such fun! Don't lose half the joy of meal-making, of family snacks and jolly get-togethers because your kitchen, no matter how expertly planned, is minus you! Accept its gleaming efficiency as a proper setting for your talents. Then, like Julie, cut loose and have yourself a whirl!

Draperies Frame Your Windows With Beauty

[Begins on page 26]

er, sturdier color acting as foils.

Don't overburden the small window with too large a pattern, especially in a low-ceilinged room. If the room is in danger of becoming too busy, you're always smart and safe with a solid color. If it's emphasis you're after, gain your contrast from color rather than from pattern.

Vertical stripes or a pattern running longitudinally add height to the window just as horizontal stripes or pattern make the window seem wider and shorter. Again fabric and pattern choices are endless, ranging from the sheerest net to the heaviest of tapestries or homespun.

SHALL you line your draperies? That depends upon the weight of the material and the need of protecting it from the sun. Formerly practically every drapery was lined and interlined. Today we eliminate the lining wherever possible, with even chintzes sometimes going unlined so that light may filter thru, bringing out the colors much as they're accented in a stained-glass window.

When using both glass curtains and draperies as tiebacks, have the points of the tiebacks coincide.

As with our glass curtains, draperies should extend to the sill, to the bottom of the apron, or directly to the floor. Except in the informal cottage, take your draperies all the way to the floor. It's much smarter than bobtailing them.

Valances A valance tends to unify the drapery treatment, adding a pleasing finishing touch. It can be in the form of a swag, a cornice board, a straight banding across the top of the window, or any of the other treatments suggested in the photographs on pages 26 and 27. But here's a point to remember. The valance seems to shorten the window, so in the low-ceilinged room it's better omitted. The depth of the valance should be about one-seventh or one-eighth the entire drapery length. You can create illusions of height with a valance by projecting it above the top trim of the window. Or the window can be made to look wider by extending the valance several inches beyond it on each side. If the room is dark, avoid a deep valance which would cut into the light. And always in dark rooms install your draperies so that they extend beyond the framework of the window. In this way they can be drawn almost free of the glass, welcoming every possible ray of light.

Look Homeward, America



For a full color reproduction of the original painting by Dale Nichol (16x12) without advertising, send 25¢.

by An American Father

MAYBE it was the way he told it . . . or the look of peace in his eyes . . . but when he finished his story you could have heard a pin drop.

Somehow he made us feel we were standing on the threshold of a new age; that historians will call the decade we are now entering "the good Forties" . . . the years when America looked homeward.

Was he some great economist, banker or statesman? No, he was just an average American father with a job, a family and a home. Average in every respect but one. But that's his story . . .

*

"You know," he said with a smile, "I sort of hate to see the Thirties go. They were hard years but they taught me the greatest lesson of my life.

"Back in the Twenties, like everyone else, I thought the world was my oyster. Made money easy, spent it fast. On paper I was somebody! But that was just the trouble . . . Actually I didn't own a thing.

"Everything we had was 'on paper.' Even our home—three mortgages on it we never bothered to pay off, with interest and charges over 14%.

"And then it happened . . . happened to me as it did to many men. We lost everything!

"That was the day my wife said to me . . . 'the best is yet to be.' And she was right.

"For while we entered the Thirties broke, we ended the Thirties rich—rich in the sense that we now have a home we really own! Own it because

we've been buying it steadily, every month—just like paying rent.

"Today, we have something for every penny we've spent. We've put our roots down. We've won security. And we've found a new kind of happiness—that deep-down, solid happiness you never know until you own a piece of earth, a hearth—a home you can call your very own."

*

That was his story—the saga of an American Father. Isn't there a lesson in it for all of us—right now? Business is better. The tough Thirties are behind us. We are entering a new decade—ten years that hold the promise of good years. What shall we do with them?

Shall we repeat the follies of the Twenties or shall we invest in the real things of life?

Today, many of us are thinking about building and bettering our homes. We are beginning to find out the best way to insure our happiness is to build, buy, remodel or even "fix up" a home we can truly call our own.

Whichever you do, this year you can have a far better home, and for less money, than you could have owned ten years ago.

For in the past ten years, the Building Industry of America has not been idle. While Government and the banks have been making it easier for you to buy or improve your home, this great industry has found way to make better homes—by creating new products, improving old ones and reducing costs.

Today, when we look abroad, we may feel the world is going backward. But when we look homeward into "the good Forties," we feel a surge of new life—a life in which freedom and democracy will give our people new blessings.

So when we say: "Look Homeward, America!" it is just another way of saying, "Look forward, America!"

*

As the Building Industry Prospers so does the Nation

The personal benefits of owning or improving your home are of first importance to you. But the money you invest also benefits millions of others who prosper only when America is building its way to prosperity.

Every dollar you spend in re-roofing, remodeling or building creates a solid hour of work for one of the 6,000,000 craftsmen who depend on the Building Industry for a livelihood.

This year, over one billion seven hundred million hours of work will be created for good Americans by building and bettering our homes.

As one of the largest manufacturers of Roofing and other Building Materials in the world, Certain-teed Products Corporation believes that the future of America lies in her homes—that as we build we prosper.

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what a difference
Better Light makes!*



Be sure to look for this Certificate of I.E.S. Compliance on every lamp you buy. General Electric does not make I.E.S. Lamps, but publishes this information in the interest of Better Light-Better Sight.


MARION: "I've never seen such a change, Alice! Everything about this room is more cheerful now! And it was so simple, you'll hardly believe it. Jim bought two new Certified I.E.S. Lamps . . . you know—the kind that give you sight-saving light."

ALICE: "They're beautiful, Marion—and that gives me an idea. An I.E.S. Lamp will be just the thing beside our new easy chair!"

Of course, it's equally important to use the right size G-E MAZDA Lamp bulbs in Certified I.E.S. Lamps, in order to get the full benefits of their sight-saving light.

Enjoy Better Light-Better Sight all over your home with new, brighter G-E lamp bulbs. They're made to stay brighter longer.

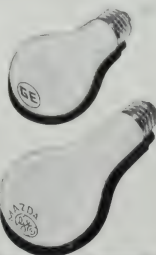
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Real value at the price. Made to exacting standards. Come in 7½, 15, 30 and 60-watt sizes, marked  10¢

G-E MAZDA LAMPS

For reading, you need a total of at least 100-watts, properly shaded. 100-watt and smaller 15¢

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G-E MAZDA LAMPS
GENERAL  ELECTRIC

Annual DO'S

Annuals can do a lot for you, if you'll let them—and quickly, too



Clarkia

DO Annuals merit a self-respecting place on any home grounds. But we haven't learned yet, some of us, how best to use them. Growing in flower boxes, of course, is one of the best things they do. You can use nearly all the shorter ones in this way successfully. But until you've tried gate boxes of Sweet Alyssum, porch tubs of clarkia, or pool-side boxes of ornamental grasses like pennisetum, you haven't even begun to see what annuals can do.

DON'T Unless you can find an unquestionable reason, don't plant any of these silly little circular flower beds in the middle of your lawn. There's probably only one reason, and that's to give foundation to some feature such as a fountain, walk, sundial, pergola, or seat. But even then you'd better ask yourself critically if these features belong out in the middle of things any more than lone beds do.

DO Foot your hedges and shrubs with Chinasters, pinks, blanketflowers, mignonettes, stocks, nemesias, dwarf zinnias, and such. There's a triple advantage in it. First, because there's already space under the shrubs, you can grow flowers there without taking up any more space in your yard. Second, the green shrubby background sets the annuals off brilliantly. And third, the annuals hide the bare branches close to the ground.

Pool sides and stream banks take naturally to garlands of annuals, too, if the location is in the sun.



Nemesis

DON'T Don't plant gay annuals around the bases of trees and around fireplugs and telephone poles. Don't plant them in an old washtub set on top of a stump you haven't yet dug out. By doing this you only focus attention on unsightliness you're trying to hide. Instead of petunias in a tub on the stump, take away the tub and cover the stump with dense, unobtrusive vines. And under the tree where grass won't grow, try, instead of the bright flowers, some of the fast-growing and interesting annual vines, such as balloonvine, or even try gourds.

DO In summer use shallow-rooted annuals, such as nasturtiums, portulacas, centaureas, and petunias, to beautify the bare earth in the spring bulb garden or border. They blanket the bare earth and give you colorful blooms for cutting.

DON'T Don't do like my neighbor who loves certain annuals but couldn't find room for them after he finished planting his place recently. So he blocked off a perfectly plain, oblong bed in a corner of his vegetable garden and had fun playing with calliopsis and annual pinks. Trouble was, their beauty was hidden.

I don't mean to say that the vegetable garden is the wrong place for annuals. To the contrary, we sometimes use the entire perimeter of the kitchen garden for such planting, with follow-up material down the vacant rows of radishes and early peas. But in the main, we want annuals in the flower garden and around the lawn where everyone can see them.



Cockscomb

DO Use cockscomb more carefully. For best effect they should be backed against something white like a fence or wall, not too thickly massed. Their preferences are for sunny locations, the crested types taking naturally to lighter soils than the plumed varieties.

DON'T Don't, when you think of annuals, think only of petunias and cosmos and zinnias and nasturtiums, and then dismiss annuals with a wave of your hand. Why, if we grew every type of zinnia available there'd

and DON'TS

By M. M. MacGregor

be many surprises in store for most of us. Very few people, to take another example, are familiar with the godetia, a charming, adaptable flower which ought to be better known. I've run across some folks who have tried it with little success. One man said he had used all kinds of plant food on his, only to have the plants pine away more and more rapidly. Well, that was the trouble: plant food. The godetia wants rather poor soil. Yes, as simple as that.

DO Investigate some of the more unusual annuals. If I had to pick my one favorite, I suppose it would have to be the salpiglossis, or paintedtongue. Related to the humble potato, this gorgeous bloom out-rivals the petunia which it most resembles.

Few of us have a working acquaintance with the amaranthus, perhaps the finest annual foliage plant. It's found in such forms as Josephs-coat and love-lies-bleeding. It'll be well worth your while to try this in some hot situation where the soil is no more than medium rich.

Another little-known annual is butterfly-flower, or schizanthus. It's delightfully delicate and colorful, and may be used wherever airy masses of foliage and bloom are required.

Soapwort, or saponaria, is similarly used to good effect, while its dwarf varieties make excellent rose-colored edging.

Every annual enthusiast should grow some leptosyne, a peculiar species with flowers like small dahlias and foliage of light, lacy sort. The *stillmani* variety is about the "quickest" annual I know, putting out golden-yellow flowers in less than six weeks after sowing.

And angeltrumpet, or datura, isn't as much used as it should be. The trumpet-shaped flowers are fragrant and vary from yellow to white thru blue. Datura is best beneath a south wall or thick hedge in a fairly light soil, but it also goes well in boxes and pots.

DON'T Certain of the annuals self-sow their seeds each year and it would seem that all of their poor relatives show up in the seedlings of some of the kinds. For instance, the loveliest cornflowers when they produce their seeds in our gardens are likely to degenerate into very small, weedy plants with inferior flowers. This is also true of the large, superior varieties of calendula and annual larkspurs. Of course, petunias generally revert to the magenta tints which may be all right in great masses where we have a lot of space available for growing annuals. But most of us would prefer the high-class new varieties, such as Hollywood Star, Cream Star, Strawberry Festival, Twinkles, or Elk's Purple.


Of course, all cosmos when they self-sow their seeds are quite all right, but when you have once grown the Sensation Cosmos, you expect the volunteer seedlings to have flowers 4 to 6 inches across and they just haven't. Therefore, it's best to sow cosmos each year and pull up the ones which start to grow from seed left in the soil from last year's crop. Portulaca, or rosemoos, is sold in the catalogs as having excellent, fully double varieties which, of course, soon degenerate in the garden to bear only single flowers. And when you sow a package of the doubles, if you want to keep the spot quite full of this type pull up the single seedlings as soon as they bloom.



Salpiglossis

DO Do keep the seedlings, however, of some annuals which self-sow and which are an excellent source of plants each year. For example, Sweet Alyssum, ageratum, browallia, caliopis, California-poppy, Ornamental Tobacco, and the Shirley and Opium Poppies, for it's always very pleasant to find little plants of things which you had never expected would live over winter—but sometimes the seeds find just the right spot. Many other annuals, besides those mentioned, will occasionally surprise you. So it pays you to know what these seedlings look like in their young stages and treasure them.

SO GET out your catalogs and study your annuals. Because if you feel a lack of variety or of the unusual in them you've never explored very far into the amazing plenitude of types.

SEE OUR GUARANTEE TO YOU . . .  . . . PAGE 137

AS AN ENGINEER
AND A DODGE OWNER,
I KNOW THAT DODGE
ENGINEERING SAVES ME
MONEY IN MANY
IMPORTANT WAYS!

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THIS IS OUR
THIRD DODGE . . .
AND IT'S THE
GREATEST
MONEY-SAVER
OF THEM ALL!

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WE SAVED \$400
BY BUYING DODGE!
WE LIKE IT BETTER
THAN THE CAR WE
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LET'S DECORATE Your Home WITH SUNBEAMS



Want more sunbeams in your present home? Want plenty in your new one? Windows are the answer! For windows, modern "insulated" windows, make today's homes beautiful, with ample air and light for better health and more enjoyable living.

AMAZING DIFFERENCE IN WINDOWS

Today there's no need to tolerate the troubles of old-fashioned windows that stick, jam and rattle. No longer can anyone afford windows which leak heat, let in drafts and get out of order. **SILENTITE** put an end to all this in 1932, when Curtis brought out the first "insulated" window.

The **CURTIS SILENTITE "INSULATED" WINDOW** is a trouble-free window. It won't stick, rattle, or jam. It will help you tend your heating plant! Its modern principle of built-in weatherstripping reduces drafts and leaking heat, helps owners save as much as 25% on fuel bills!

FOR REMODELING

What makes a room more charming than spacious windows with sunlight streaming through? You may have that charm in your new home or your present one.

Ask your Curtis Dealer how **SILENTITE "INSULATED" WINDOWS**—double-glazing and unsealing—can help modernize your home, make it more friendly. See how you may have light, fresh air. Mail the coupon right now for our big new window book. (If you live in Canada, address Edwards Curtis, Ltd., 400, St. James St. West, Ottawa, Ontario.)

1935
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the "insulated" window

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BUREAU, 1000, Avenue B, Chicago, Ill.
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SILENTITE WINDOWS.

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**CURTIS WOODWORK IS SOLD BY
RELIABLE DEALERS EVERYWHERE**

Uncle Sam, Landlord

[Begins on page 32]

[Story from page 33 is continued
at the bottom of the next column]

logs and chinked all cracks with cement, which we stripped with quarter-rounds of peeled aspen. Only 18 by 20 feet inside, it provides delightful homelike comfort for four. Ample shelf and cupboard room simplifies housekeeping. A feeling of greater space is attained thru eliminating interior doors, by using many windows, and by leaving the living-room open to the roof.

WHEN you build your cabin, see that you get enough windows. Our living-room devotes its three outside walls almost completely to windows so that none of the great beauty and variety of the surrounding landscape will be missed. During the annual two-weeks rainy season, friends living in cabins with few and small windows complain of being "cooped up." Our many windows give us a feeling of the outdoors and a sense of release unaffected by weather.

We look out on a picture breathing-taking at any time of day under any weather conditions—down a rocky slope to the cascading brook, across a closely knit clump of fir and spruce which towers high above neighboring 50-foot aspens, then on up and up the sweep of Mt. Meeker with its question-mark ravine, past the timberline to bare rock which alone can endure the rigors of 13,925 feet. Fleecy white clouds are born at its peak, and silvery chifton wisps emerge from a sheltered pocket in the side of the old fellow. In early autumn the delicate green of our aspens gives way to a gamut of yellows and reds, and we see the first snow fall on the high peaks.

ORDINARY fireplaces waste most of the heat up the chimney, but ours is built around a hollow steel-shell which surrounds the fire. Air circulates thru this shell as thru a warm-air furnace and is released thru hot-air outlets below the mantel.

We live comfortably, thank you. We have running hot water for both the kitchen and shower bath. Our kitchen stove attached to a tank supplies it. Our two built-in first-floor bunks are fitted with springs and mattresses. Our bunkroom, bathroom, and small clothes closets are fitted with tiers of shelves so that we can keep things neat.

And in one of the two cupboards built in under the kitchen sink we even have our own cooler for perishable foods. Cold mountain water runs constantly thru the cement basin in the bottom.

WE DESIGNED our cabin to accommodate guests who honor us, too. Over the bunkroom, bathroom, and kitchen is a balcony, where there are two cots, a built-in dressing table and shelves, and concealed storage space under the eaves for suitcases and trunks. To reach this balcony, you climb a ladder up the wall. Stairs would have wasted valuable floor space.

To feed our guests, we move the dining table in front of the built-in seat opposite the fireplace; and with

IF THE NEW-HOME BUYER KNEW WHAT I KNOW, HE'D ASK FIVE IMPORTANT QUESTIONS ABOUT THE INSULATION



says Howard S. Patterson,
well-known architect of New York City

"FIFTEEN YEARS' experience in designing new houses has taught me five important things about insulation—things I advise all prospective new-home owners to ask about before they buy.

"First, how thick is the insulation? Second, is it the batt type? Third, is it fireproof? Fourth, who is the manufacturer? And fifth, are the walls of the house insulated as well as the attic?

"I know these five points are vitally important. That's why I always specify J-M 'Full-Thick' Super-Felt Batts. They are fireproof, have full-wall thickness, are factory built to uniform density and thickness, insure maximum insulating efficiency. This means homes are up to 15° cooler in

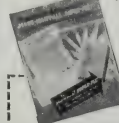
● J-M Super-Felt
Rock Wool Batts are
easily installed . . .
withstand rough
handling . . . have
moistureproof back-
ing. Permanent, fire-
proof.



hot summer weather—more comfortable on bitter winter days, with fuel savings up to 30%.

"J-M Super-Felt is the batt type, which, per dollar invested, represents the maximum in insulation. It not only costs a home owner no more than many less efficient materials, but eventually pays for itself in fuel savings anyhow."

So if you're planning to build a new home, don't just insulate—fully insulate. Specify J-M Super-Felt. And if you're considering a new home ready-built, investigate the insulation before you buy. Insist upon Johns-Manville.



Mail this coupon
TODAY!

JOHNS-MANVILLE,
Dept. BHG-4,
22 East 40th Street
New York, N. Y.

I am planning to build. Please send me your Home Insulation brochure which tells the complete story of J-M Super-Felt—the Improved Rock Wool Insulation.

Name _____

Address _____

City _____

State _____

JOHNS-MANVILLE HOME INSULATION

four rustic chairs we easily serve six. All furniture is designed and constructed to harmonize with the logs.

BY THE simple law of gravity the tumbling brook furnishes plenty of clean, cold water. With no mechanical assistance other than a 600-foot pipe which taps the creek upstream, water is carried down and then up the knoll and into the house, with sufficient pressure for all household uses. Neither pump nor storage tank is needed. Sewage goes to a septic cesspool buried in the rock. Overflow from our water-cooler passes out under the kitchen floor thru a separate pipe and waters our rock garden at the corner of the house.

Never satisfied, we found that the addition of an outside balcony offered still further beautiful views. You can just see it on the right end in the picture. You have to climb up from outside, too. It's equipped with a table, chairs, and cot, and on sunny days that aren't too hot, it's delightful for outdoor eating.

Our cabin was built and furnished at a total cost of \$692. The annual rental fee for the site is \$15, the lease indefinitely renewable. And Uncle Sam is the best landlord we ever had.

For Home-Builders

NEXT MONTH'S issue is rather crammed with ideas for builders and remodelers. Ethel McCall Head tells about a little house under an oak tree; a Cleveland remodeler presents his own accomplishment for you to see; John F. Carter tells how to keep a house in good repair; Louise Comstock discovers summer air-conditioning, lazy comfort, and a relief for Aunt Harriet's hay fever; John Normile talks about garages, Bildcost houses, glass block, and sensible remodeling. Out of the whole you'll get a houseful of usable ideas.

Uncle Sam, Landlord

[Begins on page 33]

ance, which is important where there are violent storms.

Lodge-pole-pine logs used exclusively in construction were peeled to avoid trouble with the borers which are always present when bark is left on timber. I've treated the logs with linseed oil to prevent checking. Each log is notched on the under side with no cut on top, so that all moisture will drain off and not collect to cause decay. Logs are tied together at each notch with a 12-inch spike, and drift pins were used at intervals to keep the long logs fastened in line. Very little chinking was necessary, as I flattened the top and bottom of the logs. All rafters are logs averaging 9 inches in diameter at the butt, and they haven't been weakened by any side cuts. The roof is hand-split sugar-pine shakes fastened with galvanized nails.

Modern Homes
AT FACTORY PRICES

The NEWPORT—7 Rooms and Bath—Materials at lowest wholesale prices. Ready-cut saves 30% in labor, 18% in building costs. Brings savings of modern production methods to home building. Beautiful exteriors, attractive modern features and skilfully arranged floor plans mean more comfort and less work for the housewife.

Write for NEW BOOK OF HOME PLANS \$1.00 (If you live in Iowa and Illinois. Other states send 10c to cover mailing costs.) Brings you very latest home designs; money-saving building information; model interior plans, etc.

Gordon-Van Tine Co.
1890 Case Street, Davenport, Iowa

WINDOWS are "barn and dairy sash," glazed with small panes and hinged at the top so that when swung out from the bottom they act as awnings and prevent rain from entering. Doors are built up of two thicknesses of one-inch planks, vertical outside, horizontal inside, fastened together with many carriage bolts. Partitions are made of boards and battens instead of logs to conserve space.

Over a sub-floor I laid a floor of knotty pine and varnished it in its natural color, so that it matches the log walls. It's good-looking and easily kept clean.

In the bedroom is a double bunk with drawers below, a built-in dresser, clothes closet, and shower. Water, heated by the kitchen stove and stored in a tank beside it, is supplied from a storage tank located on the second floor and kept filled by a pump at our well. The kitchen has a Dutch door for better ventilation.

It would have been impossible for me, or for several men, to handle 30-foot logs with 18-inch butts without mechanical assistance. I used a differential chain hoist attached to a boom rigged to a convenient tree, and it was comparatively easy to hoist the logs and swing them into their proper position.

THERE were times when I felt the undertaking was too great for one man to handle alone. I often look at the cabin with more or less awe, and wonder how I ever built it. But I've had a lot of fun. And the whole family is having a lot more. You might consider the idea yourself.

Remodeling? Money for Your Pictures

MAYBE you're remodeling your kitchen, your bathroom, your living-room, your attic, or your whole house.

Remember that *Better Homes & Gardens* is eager to see "before" and "after" photographs showing the improvements you make.

Get out your camera and take some good pictures of all exteriors and interiors you're remodeling before you start work; or have a good photographer make the pictures. Then, when the improvement is completed, take "after" pictures from exactly the same positions (they show contrast better) as the "before" pictures. Clip each "before" to each "after" taken from the same position and send them to John Normile, Remodeling Editor, *Better Homes & Gardens*, Des Moines, Iowa.

If we can use them, we will give you further instructions and will pay you our regular editorial rates for your trouble.

Thrifty Mrs. Cameron saves for a rainy day... *But still she can afford* A CRANE KITCHEN



This Sink with Cabinets
installed
on the FHA **\$13⁵¹**
Payment Plan per month

Sink illustrated is the Crane Kitchen Pride—with convenient double compartment.

THRIFTY by nature, Mrs. Cameron makes every penny count. You would hardly expect any extravagance in her home. That she could afford such a beautiful Crane kitchen might amaze you until you discovered, as Mrs. Cameron did, that a Crane kitchen costs much less than you expect; and, what's more, it's easy to buy on the FHA monthly payment plan.

The Crane line of sinks includes sizes and styles to suit every taste as well as every pocketbook. But they all have this in common: they are modern in design, of finest quality throughout and all are backed by Crane's 85 years of manufacturing experience. No matter how small your home or how slender your budget, you will find in the Crane line just the sink best suited to your needs.

Ask your Plumbing Contractor to show you what a variety Crane can offer you in kitchen equipment. Then check for yourself how little a modern Crane kitchen will cost you—on the FHA payment plan if you wish.



CRANE

CRANE CO., GENERAL OFFICES: 836 SOUTH MICHIGAN AVE., CHICAGO
VALVES • FITTINGS • PIPE • PLUMBING • HEATING • PUMPS

BH & G-4-40

If you are interested in planning a kitchen, mail this coupon to Crane Co., 836 S. Michigan Ave., Chicago, for a copy of "Family Planned Kitchens" containing many ideas and suggestions to help you.

Name.....
Address.....
City.....
State.....

I CAN'T HELP
THINKING

IT WAS MY FAULT



"We had a fire. And, of course, we had insurance. But I didn't know every policy states that a complete list of destroyed and damaged property must be supplied for settlement. I never made a list... and, of course, I couldn't remember after our fire. That cost us money!

"It was probably my fault for not making a list beforehand. I would have been ready. I won't make the same mistake again. I have one of those handy Inventory Booklets. It helps by listing things room by room, and suggesting items often forgotten. You can get one—and be ready. It didn't cost me a penny."

Mail the coupon.



THE AMERICAN INSURANCE GROUP
Dept. 1625, 15 Washington St.
Newark, N. J.
Without charge or obligation, please send me your Household Inventory Booklet.

Name M
Street
City State

Look Before You Use!

Maybe it's your fault the gadget won't work,
or the seeds that you plant won't come up

By Ray Giles



"You see—it just
doesn't work right"

with the article so roundly condemned.

So why not join me in a new Consumer Movement that's guaranteed to pay handsome immediate rewards? You won't have to pay a cent of dues. You needn't read any bellicose attacks on business in books or pamphlets.

Your slogan will be "Look Before You Use!" Your rewards will be more fun in life and a handsome cash bonus every year for good behavior. If that sounds too good to be true, listen to what merchants and manufacturers say about us.

"No one needs to put up with moths," declared a small-town druggist, "but only the other day I read that every year they ruin over \$200,000,000 worth of clothing. Most people buy moth repellents but fail to use them properly." Then he reached for a round box on a nearby shelf. "Here's a sure ant-killer," he went on, "and I sell lots of it. But many customers come back to tell me it's no good. They don't read these directions right on the box top, which say you must remove the Cellophane band around the middle so the ants can walk in a hole and eat the poison."

"LAST summer I had to stop handling another insect powder simply because so many people spilled it around in heaps in spite of the fact that the directions cautioned sparing use or the powder would only scare the bugs away."

Well, ant powder is small stuff. So let's consider that modern Black Beauty, your automobile. Any automotive engineer will bear me out in saying that most of us could save at least \$75 a year if we'd only follow our instruction books more carefully. The gas we waste, the rubber we waste on our tires, and the wear and tear we give our cars simply because we don't read and follow instructions cost millions. One little survey proves it.

A tire manufacturer asked several hundred owners of a certain make of car what pressure they carried in their tires. Altho a [Turn to page 107

HANDS OF MRS. C.E. WRIGHT
AFTER MAKING
ONE-HAND TEST OF
DISHWASHING SOAPS

THIS HAND
IN NEW QUICK LUX.
For 20 minutes 3 times
a day, Mrs. Wright
placed her left hand
in new, quick Lux
suds. She used no
lotions or creams.
After 27 days,
her Lux hand was
still smooth, lovely.

ACTUAL
PHOTOGRAPH

THIS HAND IN
SOAP Y.

For exactly the same
time, Mrs. Wright put
her right hand in suds
from Soap Y. After only
5 days, the hand showed
redness, roughness, irrita-
tion. These conditions grew
worse until after 27 days
they were severe.

Amazing One-Hand Test of Dishwashing Soaps

Hundreds of women made tests of 5 widely sold soaps, under conditions similar to home dishwashing. . . proved Lux kindest to hands.

**New Quick LUX saves you
from housework hands!**

WOMEN everywhere said: "Lux is so wonderful it can't be improved!" But now an added ingredient costing thousands of dollars yearly brings you new, quick Lux. It suds in a sec!

SO THRIFTY! Gives more suds, ounce for ounce, even in hard water, than any of 10 other leading soaps tested.

SO GENTLE! Hundreds of amazing one-hand tests (see photograph) prove new, quick Lux kindest to hands. Use it for your dishes!

**New
Quick
LUX**

I'M PROUD OF MY
HANDS NOW THAT
I'M USING NEW QUICK
LUX FOR DISHES.
THEY LOOK SO
MUCH NICER!

MRS. RICHARD CONDON, New York City

In the same familiar box—
your dealer has it now . . .
at no extra cost to you!



"No, thanks. I don't need an instruction book. I know how to drive a car."

"MOM KNOWS HER SALAD A-B-C's!"

VITAMIN VARIETY SALAD

WITH ***REAL MAYONNAISE!***



★ VITAMIN VARIETY SALAD

(Supplies Vitamins A, B-1, C, D, E)

- | | |
|--|----------------------|
| 7 slices of red apple | 1 package (3 ounces) |
| 6 slices onion | cream cheese |
| 12 slices orange | Cherries |
| 11 large prunes | Lettuce |
| Hellmann's or Best Foods Real Mayonnaise | |

Remove core and slice unpeeled apples crosswise. Peel and slice onions and seeded oranges crosswise. Remove pits from prunes, steam or cook until tender, and cool. Stuff each with cream cheese mixed with 1 tablespoon *Real Mayonnaise* and insert a half cherry on top. Arrange apple, onion and orange slices on lettuce leaves on chop plate. Garnish with stuffed prunes and whole cherries (as illustrated). Serve with *Real Mayonnaise*. Serves 6.

SMART SUSAN! HER CHILDREN LIKE WHAT'S GOOD FOR THEM!

WISH MY SMALL SON KNEW SALAD THE WAY YOUR CHILDREN DO, SUSAN!

THEY WEREN'T ALWAYS SUCH ANGELS, ROSE! I FIND IT MAKES THE GREATEST DIFFERENCE TO MAKE THEM PRETTY SALADS AND TO USE REAL MAYONNAISE!

HM-M, REAL MAYONNAISE! WHAT'S THE DIFFERENCE BETWEEN THIS AND "SALAD DRESSING," SUSAN?

REAL MAYONNAISE HAS NO STARCHY FILLER IN IT, ROSE. IT'S ALL MAYONNAISE—RICH, LIKE THE HOME KIND, SO THAT IT DOESN'T TURN WATERY WHEN YOU ADD MILK OR FRUIT JUICES

REALLY FRESH, TOO!

... this light mayonnaise—delicate in flavor, light and smooth in texture

Real Mayonnaise (Best Foods in the West; Hellmann's in the East) is made like the home kind. It contains only freshly broken eggs, added egg yolks, choice vinegar and spices, and our own "FRESH-PRESS" Salad Oil which we ourselves prepare fresh each day, as it is needed. And in our powerful new kind of double-whipper these ingredients are so completely blended that *Real Mayonnaise*, with all its home-made richness, is even lighter and creamier in texture than home-made, and has a zestfully light, delicate flavor, free from oily taste.

LATER—IT WORKS FOR ROSE, TOO!

THERE, SON, THAT'S SEVEN STARS FOR EATING ALL YOUR SALAD EVERY DAY THIS WEEK!

IT WAS EASY, MOMMY! SALAD TASTES GOOD WITH REAL MAYONNAISE!



BEST FOODS → HELLMANN'S

Real Mayonnaise



↑ IN THE WEST
← IN THE EAST

Has to count pennies—but her modern room is a dream!

Betty says she owes it all to her
ALEXANDER SMITH
FLOOR-PLAN RUG

TRADE-MARK

FREE! Color Schemes

arranged by

Clara Dudley

Alexander Smith's famous color scheme expert. Actual samples of Floor-Plan Rug, drapery and upholstery fabrics and wallpaper to help you choose the perfect Floor-Plan Rug for your room. Also book of color schemes. Mail coupon below.

BETTY, THIS RUG JUST
 MAKES YOUR ROOM!

AND SEE HOW WELL IT
 FITS! ALEXANDER SMITH
 FLOOR-PLAN RUGS COME
 IN SIZES TO FIT ANY ROOM



Free!

Color Scheme Kit and Color Scheme Book

Alexander Smith & Sons
 295 Fifth Avenue, New York

Send me a free Floor-Plan Color Scheme Kit for a room in which the prevailing color (walls, furniture or draperies) is Also Clara Dudley's free book, "A Guide to Rug Buying," which has many room schemes in full color.

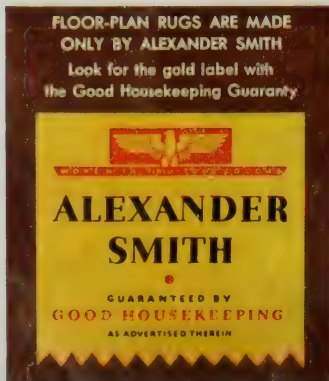
Name

PLEASE PRINT NAME AND ADDRESS

Street City

County State

**FLOOR-PLAN RUGS ARE MADE
 ONLY BY ALEXANDER SMITH**
 Look for the gold label with
 the Good Housekeeping Guaranty



Many Floor-Plan Rugs are under \$50

You can make your dream room come true—as Betty did—or you can bring your old room to life with an Alexander Smith Floor-Plan Rug.

Send for your Color Scheme Kit and Book. You'll be astonished how much you get for your money in Floor-Plan Rugs. They are made of imported wool, without seams. Their colors are Tru-Tone; they won't grow murky under night light. Their period and modern patterns were created by important stylists (modern pattern No. 840 is illustrated above). Their plain colors are new. Their tone-on-tone designs don't show footprints.

And Alexander Smith Floor-Plan Rugs come ready-made in a wide range of room sizes. You can fit your room easily, at a surprisingly low price. See them at leading stores near you.

Halls With Personality

By Margaret White

Mott Studios



Blithely fresh and airy is this entrance hall, making up for its lack of natural light by warm off-white paint on chairs and table. Cut blossoms and flower prints offer the loveliest sort of welcome to guests of a gardened home



Richard Averill Smith

Garden-lovers all? Then bring the joy of the outdoors into your hall. Greet your guests with greenery, making flowers and vines the strong decorative note, especially during winter months

Hedrich-Blessing



If you've a happy thought for the front hall, start first with carefully chosen wall-paper, then suit the small and large accessories to its theme and to the architectural lines of your home

No high-priced mural painter worked here—just the clever man of the house with a flair for photography and a nautical notion for the upstairs hall. Enlarged photographs applied to the walls in place of scenic paper are a popular decoration



Be first in your community to see the complete showing of Imperial's 12 new MASTERS Tables. Selected from hundreds of choice Imperial creations, these new MASTERS Tables hold proud place as the most distinguished tables in all America. They're refreshing and gay — so practical, too — you'll delight in their charms for your home.

CARROLL Lamp Table. Made of mahogany with matched swirl mahogany drawer front. Wood gallery around top. Carved legs. Designed in the 18th century English manner. \$19.75*



GILMORE Nest of 3 Tables. Made of mahogany with tops of figured mahogany bordered with satinwood. Smallest table has brass feet. Hepplewhite influence. \$27.50*

HAYDEN Dropleaf Occasional Table with unusual, slightly oval top. Mahogany with matched swirl mahogany drawer front. Brass claw feet. Duncan Phyfe. \$34.50*

You will find the 12 MASTERS TABLES

identified by Imperial's famous Green Shield trade-mark, your assurance of authenticity and value. Look for this mark of identification before you buy.

IMPERIAL FURNITURE CO.
Grand Rapids, Michigan



*Slightly higher at distant points.



Please send me your new illustrated booklet on "The Choice and Use of Tables," for which I am enclosing 10c.

MY NAME _____

ADDRESS _____

CITY _____

STATE _____

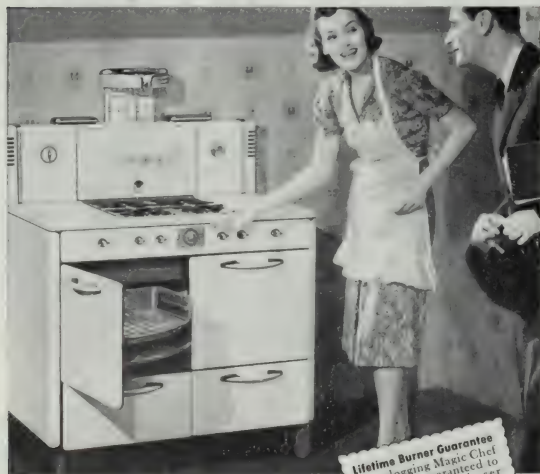
"I almost kissed the Gas Man!"



OATMEAL BOILING OVER, two pies burning, and the gas man has to pick that minute to stop and chat! "That old stove is wearing you down," he said. "Why don't you get a Magic Chef and let it do your cooking for you?" What a nerve! But it made me think . . .



AND WHAT DO YOU KNOW? Those new Magic Chef gas ranges not only watch the cooking but the burners light automatically, and can't clog! And that marvelous swing-out broiler! No cricks-in-the-back there! When I heard about the easy terms I ordered a Magic Chef on the spot!



"YOU WERE A PEACH to tip me off to Magic Chef!" I told the gas man next time. "Knew you'd like it, me'am," he said, "with that automatic Red Wheel oven regulator and all!" "Yes," I said, "and my husband's crazy about the steaks I broil in the swing-out broiler. Says we should have had a Magic Chef long ago!"

Good News! 1940 sees a wider range of models and prices for Magic Chef. Anyone can afford one now on easy terms! See them today at your gas company or dealer. (If you live beyond the gas mains, Magic Chef and Pyrofax Tank Gas Service are available East of the Rockies.) American Stove Company, Dept. M224, St. Louis, Mo.

Lifetime Burner Guarantee
Non-doggie Magic Chef burners are guaranteed to start the original purchase or against burning out or losing efficiency during the life of the range.



JOIN THE SWING TO GAS!
More than 16,000,000 women cook with gas, the ideal fuel. New CP (Certified Performance) Magic Chef gives ultimate in speed, economy and performance.



THE "RED WHEEL" GAS RANGE WITH THE LIFETIME BURNER GUARANTEE

© 1940, AMERICAN STOVE CO.

SAVE WITH A
Magic Chef

Walnut in the 18th Century

Fine old Eighteenth-Century English pieces, created by skilled craftsmen from beautifully marked walnut. The highboy dates from the early Queen-Anne period, the console table from a little later. Both are museum pieces



By Oliver A. Wallace

IN YOUR friends' homes, in the stores, everywhere these days there is a swing toward early Eighteenth-Century English furniture designs reproduced in American walnut. And you're writing us puzzled questions. Wasn't mahogany the only wood of the Eighteenth-Century cabinetmakers? Or if walnut was in vogue, why the comparative scarcity of original pieces to be found today? And even granting the use of walnut, isn't American walnut an anachronism in a true English reproduction?

IT'S true that mahogany was widely used by English furniture-makers in the middle and latter part of the Eighteenth Century. But for the first half of the century, walnut was one of the predominating cabinet woods. On the continent and in England the Early and Middle Georgian periods found many fine designs executed in walnut, and, interestingly enough, history reports that American walnut was preferred in England over the European variety. John Evelyn, noted English expert on arboriculture, induced landowners to plant millions of walnut trees to replace those destroyed by the inroads of glass factories and iron furnaces. In his famous book *Sylva* he says that Virginia walnut is "the timber much to be preferred."

So today's renaissance of walnut for fashioning authentic early Eighteenth-Century English designs isn't only an important new decorative achievement, but fully in keeping with the original use by master English designers.

But why has this use of walnut been so long overlooked by American manufacturers? Probably because so many of the original early walnut pieces of the Eighteenth Century were destroyed and so were not available to reproduce.

"Altho a great amount of walnut furniture has survived," writes R. W. Symonds, a great English authority, in his book *English Furniture*, "undoubtedly a considerable quantity of it has been destroyed and this destruction must be taken into consideration in order to arrive at a correct understanding of the furniture of the walnut period. Considerably more walnut furniture has perished than mahogany. This can be attributed to the fact that it was made with a veneered surface on a soft wood carcass which was subject to the worm, and decorated with applied cross-grained mouldings glued on to a soft wood core. Consequently, this furniture was unable to withstand the wear and tear of use as was the contemporary mahogany furniture, which with the mouldings was made in the solid wood."

MR. SYMONDS goes on to say, "The destruction of so much walnut furniture and the diminished amount now extant have led to the belief today that after 1740 it ceased to be made, and that the contemporary mahogany pieces were made in much larger numbers in comparison with walnut than was really the case."

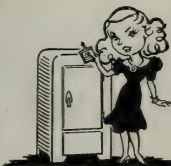
Today, thanks to America's ablest designers and craftsmen, we may enjoy in our homes the mellowed warmth and beauty of American walnut in authentic reproductions of early Eighteenth-Century English designs.

WHETHER for casual refreshments for drop-in guests, or a formal invitation to dinner, *Rock Sharpe Crystal* adds sparkle. Hand-cut in your choice of dramatic, traditional, period, or classic design, this fine-textured, gleaming crystal makes the occasion a radiant event. Inspires the appreciation of guests and friends.

START A SET NOW. Goblets to cordials. *Bretton* and other smart patterns, \$6 to \$75 each, depending on locality. At leading stores everywhere. Folder on request. Dept. B-4, Cataract-Sharpe Mfg. Company, 632 Northumberland Ave., Buffalo, N.Y.



Rock
Sharpe
Crystal



Refrigerators Need 3-IN-ONE

Periodical lubrication with **HEAVY BODY 3-IN-ONE Oil** helps electric refrigerators to give longer, quieter service with fewer repair bills. Get it at Hardware, Drug, Grocery, 10¢ Stores. Try it!

Ask for

HEAVY BODY

3-IN-ONE Oil



If not
'REGULAR'

TRY

**LEMON
& SODA**

First or last thing daily. Juice of 1 Sunkist Lemon and 1/2 tsp. baking soda in tall glass half full of water. Drink as foaming subsides.
FOR FULL DETAILS SEE PAGE 114.

"We Feed Custards to Company"

[Begins on page 46]

As for loaf cakes, you've the world by the tail. Pound cakes, cakes featuring molasses, ginger, fruit, marble, chocolate, or spice—write your own ticket. Be sure it's loaf, not cup or layer. Can be the simple kind that goes in a lunch box, one all decked out for a birthday, or one just right for thin dainty slices at tea.

And remember, the winners of these 21 prizes, if they specify in their recipes one or more of the products advertised in this or in the past six issues of *Better Homes & Gardens*, will receive a package of each advertised product they mention, the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "April Chops Recipe" or "April Loaf Cake Recipe."

2. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.

3. Be sure to specify in your recipe the brand names of nationally known food products you use as ingredients—products available everywhere.

4. Include 50 to 100 words about the history or origin of your recipe.

5. All recipes submitted become the property of *Better Homes & Gardens*.

6. Contest closes midnight, April 30.

7. Address the recipes you enter to 8304 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines, Iowa.

"Meat Miscellanies"

Send 4 cents for this month's "Cooks' Round Table News"

APRIL'S - "Cooks' Round Table News" teams up the finest recipes from our recent contest on Meat Sundries—those "special parts" rich in flavor and important minerals, and often more economical than the usual meat cuts. Baked Veal Hearts are delectable sliced, browned, and baked with mushroom soup. Chicken-Fried Heart dips heart slices in flour, fries them. Sweetbreads with Mushrooms features mushroom soup, plus a cheesy topping. A real man's dish is Braised Oxtail. Liver Roll, plumped out with bread dressing, is pot-roasted. There're a superior Liver Dumpling, a Stuffed Beef Heart for oven-baking, and Tongue With Raisin Sauce that has a grand tart tang. For your copy of the News, send 4c.

These, also, are timely recipe leaflets, yours for 4c each: The Chocolate Cake Clan; 10 recipes you'll use and cherish. We're Having Eggs; main dishes.

Lamb—A Treat From Head to Foot.

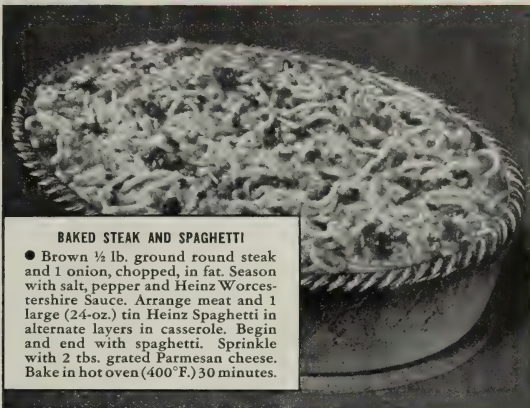
Cheese It in Many Tempting Ways.

Address all orders to *Better Homes & Gardens*, 6204 Meredith Building, Des Moines, Ia.

Candid Casserole Shots!



Quick Tricks With Leftovers
By The World's Champion
Speedy Meal-Maker—Tasty
Heinz Cooked Spaghetti



BAKED STEAK AND SPAGHETTI

● Brown 1/2 lb. ground round steak and 1 onion, chopped, in fat. Season with salt, pepper and Heinz Worcestershire Sauce. Arrange meat and 1 large (24-oz.) tin Heinz Spaghetti in alternate layers in casserole. Begin and end with spaghetti. Sprinkle with 2 tbs. grated Parmesan cheese. Bake in hot oven (400°F.) 30 minutes.



MEXICAN SPAGHETTI

● Brown in butter 1 cup diced cooked ham, 1 medium green pepper, chopped, 1 medium onion, sliced. Push to side of frying pan. In other side heat 1 large (24-oz.) tin Heinz Cooked Spaghetti. Place spaghetti on platter. Surround with meat and garnish with Heinz Fresh Cucumber Pickle.



SPAGHETTI SURPRISE CASSEROLE

● Cube leftover pork or veal and brown in butter. Season. Place spaghetti in casserole, having it one-third full. Press spaghetti up around edges. Fill center with meat—cover with thin layer of spaghetti—top with combination of toasted bread crumbs and grated cheese. Bake in moderate oven (375°F.) 25 minutes.

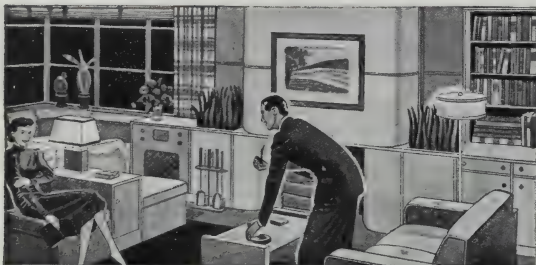


Heinz Chefs Make Their Own Spaghetti
— Cook It To Tender, Mouth-Watering
Perfection—Drench It In A Sauce Of Heinz
Prize Tomatoes, Mellow Cheese And Spice

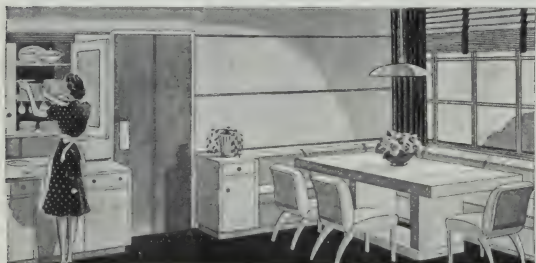
Heinz COOKED
Spaghetti 57



"We've built the 'biggest' little house in town"



Actually, our new home is tiny, but we've gotten so much in such a small space, you really ought to see how roomy it is. This is the "living" portion of our combined living room-dining room. We used Masonite Tempered Presdwood for the walls and ceilings and most of the built-in furniture. Tempered Presdwood is that all-wood grainless board everybody seems to be using today to get results that *look* expensive but cost very little.



This is the "dining" corner with built-in cabinets and sideboard of Masonite Tempered Presdwood. The china cabinet is loaded with dishes from the kitchen side. Used dishes are passed into the kitchen through a Tempered Presdwood door in the recess below. Really, you can do so many things with Tempered Presdwood! It can be painted or enameled, and our wall designs are *grooved* right in its surface. Don't you like the built-in seat?



And this is our bedroom. The Tempered Presdwood walls and ceilings are grooved in a modern block pattern. Our dressing-tables are both made of Tempered Presdwood, which is moisture-resisting, and won't warp, chip, split or crack when it's properly used. Yet they can cut or saw it easily.

• If you're thinking of building a new home, or remodeling your present home, you'll certainly want to find out all about Masonite Tempered Presdwood.

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Danbury, Connecticut

George H. Van Ande



It's a "different" house—small, but big enough for a family of five or six, ideal for a retired couple or a small family with a maid, especially suited to a beautiful garden or a view off to the rear

NESTLED in the foothills of the Berkshires, 70 miles from New York City, lies the typical little New England village of Newtown, with a range of larger mountains stretching off to the northwest and meeting the sky where they fade into the horizon.

And snuggled down in these Newtown hills is our Bldcost Gardened Home this month, a Farm Colonial style suited to a suburban site anywhere. It's clean of line, simple, and carries a marked flavor of old New England. Look at its weathered-gray, wood-shingle roof, at its pale-green shutters blending softly with its white clapboard walls, at its small shed porch with vines just beginning to climb the corner and trellis, at its Dutch front door, at its bright little flower boxes—nothing untried and tricky to go out of date, ever. On a 40-foot suburban lot, on a hill overlooking a sweep of pasture, it's at home, it belongs.

FOR a house so small it's amazingly versatile. There are three bedrooms. That means it's home for a family of five or six. Or just as good for a family of three or four with a maid. The downstairs bedroom with its own bathroom, too close to the kitchen, is set off from the rest of the house to give both the family and the maid privacy and the chance to keep family skeletons one's own. Or

the room is equally good for an elderly person who finds it hard to climb stairs, or as a guest room, or an isolated study for a writer, or an income-producing room to rent a nice young niece or nephew or family friend just getting a start in the world.

To take full advantage of a well-planted back yard or garden, to shut off the traffic of the street in front when one wants the quiet and relaxation of his own living-room, and to give the homemaker a good view of who's going where and doing what while she's working about the kitchen, the architects put the kitchen in front and stretched the living-dining-room the full width across the rear.

THERE'S a fireplace with bookshelves at one end, and there are windows on three sides to frame the views and let summer breezes come rollicking in. This living-dining-room is finished with random-width knotty-pine boards. Doors, walls, and fireplace mantel are all stained tobacco brown. The floor is of wide oak boards finished natural.

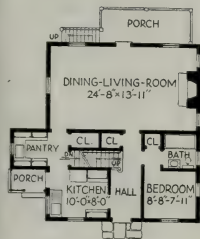
Outside the living-room door is either a porch or terrace, depending on your site. In the house as built in Newtown, it was a porch, and beneath the porch was a terrace at the basement floor level, [Turn to page 80

Working plans for this Bldcost Gardened Home are available from Better Homes & Gardens. Its construction conforms to FHA standards. How much will it cost you to build in your community? See page 80

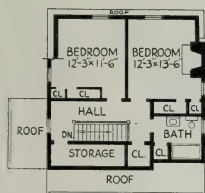
Three bedrooms, two bathrooms, a pantry, and a 24-foot living-room. Count them. All in a 26 by 30 over-all size!



Most ornate detail of whole house is the doorway, and even that's simple. Top half of door opens independently of bottom half—good for romance and ventilation



First Floor



Second Floor



In the end of the living-dining-room is this Colonial fire-place flanked on each side by bookshelves and small windows

SEE OUR GUARANTEE TO YOU PAGE 137



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How to Build a House by Remote Control

[Begins on page 36]

the yard and pointed, and she stayed on the walk and screamed.

The throwing stage arrived simultaneously with the completion of the framework.

And that was usually a signal for our departure—vowing to the heavens above that we'd never, oh never, build a house, so help us!

But in the final analysis the flesh usually proves to be weak.

ONE day in January a little bee whispered how nice it would be to have a house (I think the insect used the word "home") of our very own, to have and to hold forever.

We had escaped from roaring, overwhelming New York and were living in Connecticut, fifty miles from the big city, and near the incredible Merritt Parkway. It was a brisk winter day and my friend Woodie Cowan and I were tramping thru the woods speculating on the joys of owning property. Above us stretched a snow-blanketed hillside broken halfway up by a flat knoll, with a great rock sticking up on one side, almost like a landlocked battleship. It was a building spot in a million.

"Say, I got a hunch the Corsas would sell acreage right there," Woodie propounded. "They've refused so far, but if you put the cash on the barrel head they might weaken. Let's look it over."

WE TRAMPED over its rolling, wooded, rocky acres. From the knoll you could see fifteen miles over treetops, almost to Long Island Sound. Off to the left stretched more miles of rough, untamed woods and hills — the famous "Devil's Den."

"Let's go up to the house and see 'em," I gasped. "I always know what I want when I see it."

"Hadn't you better speak to Emmie first?" Woodie cautioned.

"She'll love the view from the Big Rock," I argued. "Let's hurry before somebody beats us to it."

Woodie grinned and led the way. Literally forty minutes later I had contracted for the rock and seventeen acres of land.

EMMIE stood up under the shock fairly well.

"But you'll have to build a road down there," she mildly suggested when we had driven back to stand on the rock in the moonlight. "And you'll have to dig a well, and landscape, and a hundred other things."

But what of such trifles! Hadn't I just bought the most wonderful piece of ground that lay outdoors? And wouldn't it be something to have our own snug little house to come back to—a haven—an anchor to the win—ard—an ace in the hole, et cetera? My heart sang with that bit of Stevenson that I never could quote quite correctly, "Home is the sailor, home from sea, and the hunter home from the hill"—or however it goes.

I suppose you might say that we wasted a good half-day, all in all, in buying the land. Two days later

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an honest-looking, straight-talking young contractor showed up, with a big, horny-handed mason in tow. They'd just heard we were going to build a little house. Would I mind telling them who our architect was?

"I haven't got any architect," I answered without guile. "I don't know any. I never even heard of one. Do you think I need an architect to handle an unobtrusive little house?"

"Most people do," Hanson, the builder, answered with a broad smile. "Mr. Calvin Kiessling is a fine gentleman, and I can recommend him."

"Well, would you mind sending him around?" I suggested.

SO WITHIN a couple of days more I got my architect. I certainly was moving along fine for amateur playing in such a rough-and-tumble game. Those first two periods had gone off without a penalty. And now we were ready for the third quarter—the Battle of the Plans.

Emmie and I figured we'd like a low, rambling sort of ranch-house type of one-story building, with three or four bathrooms, a couple of big fireplaces, a beamed and paneled study, and a few little things like that—the whole thing, say, for \$10,000 at the outside. Mr. Kiessling allowed the road and well and landscaping would have to be extra. That would be easy enough—we could just lump all those extras together.

IN BUILDING, whenever anything unpleasant comes up, you want to "lump 'em together." It feels much better that way.

Fortunately, before we really got started we thought up several little things we wanted added to our tiny nest. Spend just a little more, and we could have a guest suite and bathroom above the living-room. Be right nice to have that big living-room beamed and paneled. And why not have a private bathroom for the second bedroom? Little things like that cost only a trifle more while you're building. Put them all in at the start—and then you won't have to be constantly adding to your house! And remember, you build only once in your life. Might as well have things the way you want them. . . .

I MUST SAY that first set of plans was beautiful. The low, rambling stone house seemed to grow right out of the Big Rock. It wasn't just exactly New England, but it belonged on this spot—and goodness knows we had plenty of rock to build it. We had enough stone fences on our own seventeen acres to reach halfway to Pittsburgh.

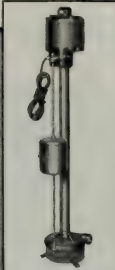
We proudly exhibited our plans and our friends gladly suggested a few more trifles. Then we asked for the estimate. The architect prophesied it'd run somewhat more than our original figure—but I waved him aside. This was going to be the only house I'd ever build and I wanted it to be right—exactly like Emmie wanted it.

A few days later when the architect came, he appeared a bit solemn and worried. "It's a little higher than you figured on," he said, with a shake of his head.

He shook his head some more.

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Then he laid out the sheets on my knees. \$28,000. Whew!

Quietly we folded up the beautiful plans and started all over again. I don't mean we chiseled off a few edges and extras from this poem in stone; I mean we started again from scratch.

This time it was to be strictly New England, and really somewhere around that \$10,000 mark. We knew the rules better now.

IN A FEW DAYS more we'd be heading west. For four months we'd ride horses and watch white-faced calves frolic in the exquisite foothills of the Canadian Rockies. Didn't we have an able and perfectly honorable architect and a sturdy, honest builder? And weren't we paying them to do the worrying? So why not leave it with them?

We did. We drove away with guidons fluttering in the winds on June 1, just as they were starting the excavation. A compromise on the gambrel roof was our final gesture—and our first and last orders were to get her finished by October 1.

"Those crazy Hunts!" said our friends a hundred times.

BUT we were seven days by motor away. Mail came but once a week. The nearest post office was forty miles from the ranch. So it was next to impossible even to reach us, let alone start us worrying.

Didn't I have an honest architect and a competent builder? Wasn't the actual construction of the house their headache? Once in a while Emmie would get a bit excited about some forgotten item, but I'd lure her on a thirty-mile horseback ride up to the Forest Reserve and she'd be so tired when we got home she didn't care what was happening back in Connecticut.

September 20 we headed eastward, and three days before the deadline of October 1 we pulled up on the main road and looked down on a lovely white New England house, with green shutters and wide gables, nestling against a backdrop of flaming autumn colors that stretched for miles on three sides.

It was ours. It was an honest house. It was made to live in—and to write in—and be happy in.

Maybe we weren't so crazy to run away, after all. We'd come back to find a real home all ready for us—and the neighbors didn't have to send for the police a single time!

I RECOMMEND the system. First, go out and pick a building spot. Second, find an honest, competent architect and a builder. Third, draw a set of plans for your dream house—and then throw them away and get down to earth. Fourth, hide out, and let the experts do the job. It's really that simple!

But I must admit that we're still having a little trouble choosing a name. I'd sort of like to call it "Rock of Ages."

But Emmie holds out for "Rattlesnake Holler."

I really don't mind. Plain "Home" is good enough for me.

Coming in an early issue: Frazier Hunt's poignant story of Dr. Allan Roy Dafe's love of a garden.



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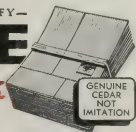
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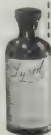


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We Wanted a Hidden Garden

So we hid a garden within our garden, a little gem you come upon dramatically as you come round the corner

By Fleeta Brownell Woodroffe



↑ Our "gorge" has all the drama of a real canyon in miniature. Gay rock plants perch loftily on airy ledges

↑ In our sunken garden tall shrubs rim the edges and flowers hang out below along the low, rocky walls

WE WANTED a Hidden Garden. We were so possessed by the idea, goodness knows, that it all but flavored our food those days. *We wanted the dramatic effect of rounding a corner and coming suddenly upon a perfect gem of a little informal garden.* We wanted it so much we were ready to carve—à la Gutzon Borglum—a new face on our rough slope left where the builder piled the soil excavated from our house basement.

And because for some years now the traffic and sounds of a busy suburb have crept closer and closer to us, privacy now has to be achieved here by inclosures rather than by distance.

This made our solution—a sunken, hidden garden with trees and tall shrubs running the length of its

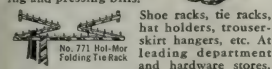
irregular rim—the happy outcome that it is. And when visiting friends exclaim in wonder, "Why, we seem miles from anywhere!" then we know that somewhere, somehow, we captured the charm we so hoped for.

The recipe for our new Hidden Garden, we decided, would include rocks, water, evergreens, a few bold splashes of color, a pleasant winding path, and a place to sit.

OUTLINES of our sunken garden were arrived at by digging a wide, flat-bottomed trench, the path-to-be, thru the slope the long way and throwing the soil up on the high side at points where we thought rocky promontories would look well jutting out in forceful lines. It was

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done exactly as steps are made in a sloping path—taking earth from the low side and piling it on the high.

Ordie, the son of the man who was painting our house at the time, had a strong and willing back and threw the soil about as we directed. The weather got so hot that we, not wanting any heat prostrations, went about holding a large umbrella over Ordie!

DURING July and August we faced the heaps of raw earth with heavy blocks of stone and built planting terraces for the very plants which were to be settled there. A steep, rocky "gorge" breaks the face of the bank on one stretch. Further on, a knobby promontory hides a stone seat until you come right upon it.

The path runs east and west, with the higher bank facing south. This gives us the opportunity to use early bulbs in several planting pockets where, because of their sheltered situation, their gay splashes of color among the rocks are trebly welcome because they come out so surprisingly soon. Pockets filled with the hot gold of little *Crocus susianus*, Whitlowgrass in dainty sods, and the matchless clear vermillion of the variety tulip *braestans*, Tubergen's species delight our eyes in this sheltered nook while the spring winds are still blowing cold.

THE colors decorating our Hidden Garden rise to their brightest peaks in Torch Azaleas, some especially selected red Flame Azaleas, Scarlet Quince, and tulips and poppies in like shades. These reds and the cream-whites, blues, soft yellows, and orange becoming to them have made just the color splashes we dreamed of among the rocks. They are all set off most effectively by the varying greens of the junipers, hemlocks, and pines.

Our boundary fence, we decided, needed to be renewed and made more opaque. We certainly would have no real privacy as long as we looked across lots down the hill, or others looked back at us. So we built a wooden fence, tight below to slightly more than eye height, with a lighter balustrade above. We stained it wood-brown. We built it up right under the heavy growth of vines that had covered the old fence.

WHEN September came we planted tall, plummy hemlocks and sky-sweeping honeysuckles in front. We count it one of our many lucky days when we found these gangling honeysuckles in an out-of-the-way corner of an old nursery. We reversed all customary action and saved the tallest stems, cutting away all the bushy under ones. This made room for the young hemlocks, the azaleas, creeping junipers, ferns, lilies, and early bulbs which furnish the low, rocky bank below them. Honeysuckles, more than any other of our hardy shrubs, except the lilacs, hurry to push out their leaf-buds and make lovely green clouds when the clean spring greens are so very welcome.

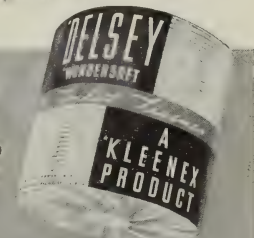
Every gnarled and twisted plum branch with its curling bark was preserved not only for its interesting silhouette but for its enchanting white clouds of foamlike bloom. Below the plums | Turn to page 127

I'M ON A SIT-DOWN STRIKE TILL MOM GETS DELSEY!



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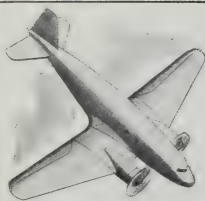


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You can depend upon KIMSUL to last as long as the house it's installed in, because KIMSUL is made of the same material as the house. KIMSUL is wood—but it's wood transformed by the magic of modern chemistry into soft, flexible blankets—one of the safest, most efficient and lasting insulations known to science! Highly resistant to fire and moisture, KIMSUL fills the need for the worry-free house insulation—and soon pays its small cost by saving on fuel; meanwhile, you enjoy a home cozily warm in winter, delightfully cool in summer!

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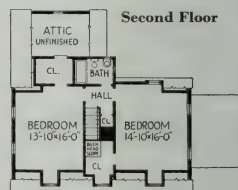
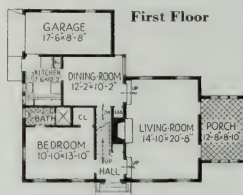
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Colonial Clicks

Designed by Jas. Gamble Rogers II



SOMETIMES the best way to talk about houses is to talk about hogs.

One hog that makes a nice lean slice of bacon for your breakfast table is the Duroc. He's a lean, rugged, tough-skinned little fellow, a very likable sort, as hogs go. But as a producer of lard he's no good—simply too lean.

You're well satisfied with this Duroc. You like the looks of him and you like his toughness and you like his ham and bacon. But still you wish he were a little better on lard.

So you crossbreed him with, say, a Chester White. Now this Chester White is a big, fat, easy-going grunt with a pink skin so tender it blisters in a really hot climate. He can't turn out a top-notch slice of bacon to save himself, but how he drips lard!

So you crossbreed your Duroc with the Chester White. What you get isn't in many respects as good as either of the parents, but for your own particular purpose it's just what you wanted—a fairly rugged, fairly tough-skinned fellow who turns out a good slab of bacon and a good ham and cooks down to a pretty good sized kettle of lard too.

Now if crossbreeding hogs gives you exactly what you want, why not try crossbreeding houses?

Architect Rogers tried the idea

out in the L. V. Bledsoe home here in Winter Park, in the rolling lake country of central Florida. Predominantly the house is Cape Cod, an architectural style marked by simplicity, by compact room arrangement, and by low eaves that snuggle the house to the ground. These low roofs and compact plans were a natural development of a climate where bitter winter winds and salt spray roared in from the sea. But they're not good for hot climates, because in hot climates compact plans and low ceilings make hot, stuffy rooms.

SO ARCHITECT Rogers and H. C. Cone, the builder, adapted Cape Cod to Florida by crossbreeding it with other Colonial styles. He added the tall, narrow dormers of the Colonial Virginia. He built the walls up three feet higher than is normal with Cape Cod, which raised the ceilings all around, especially in the upstairs bedrooms. He deviated a little from the typical rectangular shape of Cape Cod and used a slightly L-shaped layout which makes the house more open and airy. The result is a home of Colonial charm yet comfortable in a tropical climate—or, to put it another way, a hog that turns out a good slab of bacon and cooks down

Wherever It Goes



↑ Paneled fireplace wall is finished in transparent tones which retain the beautiful grain, blend with floor, set off white fireplace face

• Cape Cod intelligently adapted to central Florida. Walls three feet higher than usual provide cool, high-ceilinged bedrooms

to a good sized kettle of lard too. The lot slopes down to Lake Virginia 200 feet away, and important rooms were planned to take advantage of both this view over the water and of the prevailing breezes from the southeast.

ENTERING the house, one steps into a small hall, large enough only for the stairway, a coat closet, the door to the first-floor bedroom, and the entrance to the living-room. Following the slope of the lot, the living-room is two steps below the hall level, which gives it that much higher ceiling. Off the living-room is the sunroom overlooking the lake, a room featured by casement windows on three sides and a tile floor for coolness.

One of the features becoming more and more popular is the bedroom and bathroom on the first floor, a great advantage particularly when there are young children

in the house or when one often entertains overnight guests. In the case of illness, it sometimes means everything to the patient to have a room on the ground floor not too far from the family circle, and where climbing stairs is unnecessary. In Florida many of the winter visitors have reached that point in life where the doctor has advised against climbing stairs, and this first-floor guest room has been especially popular.

When you build, remember the Bledsoes. Remember that it's sometimes smart to do a little cross-breeding to adapt an architectural style to your comfort.

TO MANY, that's dangerous advice. They take it as license to build a good Cape Cod house and then stick a funny, insecure hood out over the front door. Or license to build a Colonial house with three raw foundation showing between the house and ground. Or to build a wing that's all out of proportion to the body of the house. Or to stretch the squat, fatchminery typical of Cape Cod into a tall, thin thing that impairs the effect of low, horizontal lines. But we don't mean that. That kind of thing just ruins the bacon, and lard too.

Ornamentation, concentrated in a cornice moulding and a delicate fluting of the doorway frame, is Colonial but not Cape Cod. The Classic pediment is used above the doorway to fill the extra space created by raising the roof three feet



BEAUTY MAGIC—styling with paint in correct colors works beauty wonders, brings out the best features of homes. And to insure longest life, do your styling with durable white lead paint—in colors you prefer.



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MOST folks know that lead is used for roofing and gutters and other out-door purposes because it stands up to weather so long.

But did you know that a powerful lot of lead is used in making paint—for exactly the same reason.

You see, the metal lead is used in making white lead—and white lead inherits the toughness and ability to stand up against weather year after year.

And besides making paint that lasts longer, white lead keeps it from cracking and scaling—makes it cling in a smooth unbroken film that protects the surface underneath from moisture.

Yet a white lead paint job actually

costs you less because it wears so much longer!

So it's a good idea when specifying paint to know how much lead it contains. And it's a pretty safe rule to say: the higher the lead content, the better the paint. You can't, for example, get a more durable paint than one containing 100% white lead. This is the kind good painters mix from lead-in-oil. In many localities it is also sold ready for use.

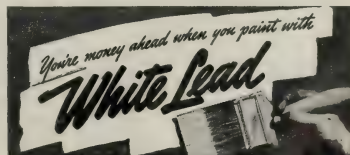


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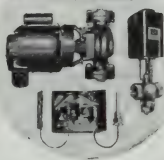


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exact degree required to keep your home at a constant temperature in any kind of weather. Radiators are never too hot—never too cold. Any type of oil, gas or stoker-fired hot water system can be equipped with Hoffman Controls. Whether you are building or modernizing, get all the facts first on this comfort-economy system.

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Poetry Corner To the Storm

The sun is gone; the air lies cool and still
Beneath a blackened sky. A moment's hush,
And then the waking wind runs swift and shrill
Among the frightened trees—a head-long rush
That scatters them as wolves disperse the sheep.
In crooked streaks, the silver lightnings flash
Along the dark horizon's troubled sweep;
Above, the cannonading thunder's crash
Proclaims the sudden coming of the rain
That strides in gray battalions from the west
And, breaking ranks, stampedes across the plain
Like fleeing souls that demons have possessed.
How recklessly the storm assaults the earth!
Yet, having passed, gives all of life new birth.

—Gene Gleason

My Hemlock Trees

The tips of saucy hemlock trees
In grace and beauty bend,
And swaying in the slightest breeze,
A signaled message send.
Their feathered fingers reach far out,
As tho beyond constrain,
They tap or call and—never doubt—
Peek in my window pane!

As tiny trees I placed them there
And watched them grow roof high,
And tended them, quite unaware
Of this mutual loving tie.
But plain to see they feel it, too,
For when I lie abed
They tap and say, with much ado,
"Come on outdoors instead!"

—Eva Bathon Lucas

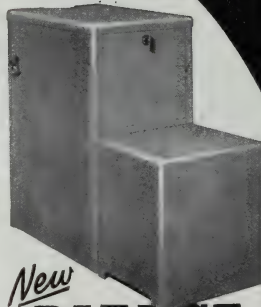
Planned to the Last Inch

[Begins on page 72]

an arrangement made possible because the ground fell sharply away from the house in the rear. The driveway in this Newtown version swings in on the left side to a basement garage under the living-dining-room, making a remarkably compact house-and-garage arrangement you can duplicate if your site permits. On a level site you'd build a detached garage. And across the rear of the living-room, you'd build a terrace instead of the porch.

There's a good bit of old-time elegance and convenience in having the pantry. Your fine china, glass, and silver are kept there, handy for setting the dining-table. After dinner, they're washed in the pantry in the sink beneath the window. This leaves the kitchen open entirely for

NOW- Hot Water HEAT built to small-home needs



New PIERCE AUTOMATIC HEATING UNIT

Designed expressly for the heating needs of the new, small homes—not just a scaled down model of a big boiler—this new Pierce small-home unit assures comfortable, low-cost automatic heat for an investment that is in line with the cost of the home. As compact and attractive-looking as a modern electric refrigerator, it can be installed in the kitchen—or other main floor room—thus eliminating the need for one radiator.



A beauty in the Kitchen

FOR OIL OR GAS FIRING



Colorful in the basement

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Year-round domestic hot water is provided as a built-in feature of the boiler. And no sacrifice in quality standards or proved excellence of design has been made to size. In every detail, this small-home unit lives up to the 101-year-reputation of Pierce heating equipment.

Four sizes, with heat ratings in water radiation, from 300 sq. ft. to 600 sq. ft.



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Without cost or obligation, please send me full information regarding your new small-home automatic hot-water heating unit.

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I am planning to ☐ modernize my heating system ☐ build a new home.

food preparation, saves steps, time, and confusion. Such a pantry is amazingly helpful when you're having a party.

But if you'd prefer a dining-nook instead, there's your nook right there in place of the pantry, cut to fit. Leave out the pantry equipment, build in a table and seats, and there you are. The kitchen is adequate in itself without the pantry.

Now look at the second floor. Absence of dormers in the front roof, true to tradition, really aids in bringing about the quiet, restful look. Second-floor bedrooms opening to the rear and overlooking the garden are shut off from the confusion and curious eyes of the street. Both have cross ventilation. Each has ample closet space and wall space for twin beds, if you like. The large linen closet has drawers and shelves built in.

The bedroom fireplace is a bit of gracious elegance, and it's not so expensive because in this plan one chimney does for the furnace and both fireplaces. You can dispense with this bedroom fireplace if you're paring costs.

WE HUNT constantly for outstanding low-cost homes, and rarely do we find so much downright useful living space loaded in one small home. Look at it again—three bedrooms, bathrooms both upstairs and downstairs, a living-dining-room nearly 25 feet long, separation of quarters if one keeps a maid, a garage—but see for yourself!

Now, how much will it cost you?

We've prepared a list of all materials needed to build this house. Using this list, your architect, building-material dealer, or builder can figure the exact cost to you. We can't accurately state that cost here because building costs are higher in some communities than in others. Send 6 cents for this list. Use coupon below. You are in no way obligated.

The list of materials is only one part of Better Homes & Gardens' Bldcost Service. If the cost is right and you decide to build this house, we'll send you the necessary plans, specifications, and contract forms for the nominal price of \$5 for one set, \$2.50 for additional sets. For all practical purposes, three sets are necessary—one for your architect, contractor, and yourself.

BILDOST

Better Homes & Gardens' Bldcost Service is a regular feature of the magazine. No matter where you live—East, West, North, or South—there's a Bldcost Gardened Home for you and your family. Send 25 cents for the Better Homes & Gardens Book of Bldcost Gardened-Home Plans. It contains descriptions of 60 other homes designed by outstanding architects. The construction of all Bldcost homes conforms to Federal Housing Administration standards.



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☐ Send me the List of Materials to enable me to learn the exact cost to build Bldcost Home No. 1004 in my own community. I enclose 6 cents (or two 3-cent stamps).

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Why...oh why!...pay 50¢ for a paring knife?

NOW you can get high quality Geneva Forge Cutlery at dime store prices—compare them with the much-higher-priced knives you've been buying. Geneva Forge produces millions of these knives by new processes—in such large quantities that our profit-per-knife is small, our volume tremendous. Ask at your dime or hardware store for Geneva Forge Knives (see the Geneva Forge emblem with stars on the blade) and you'll never go back to ordinary cutlery.

Geneva Forge blades are furnace-hardened and drawn-tempered *stainless steel*. Imported Cocobolo handles are "non-staining". Paring knives 10¢ to 25¢. Butchers and slicers 25¢ to 50¢.

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Before you build—or install new plumbing—in home or camp, learn why the San-Equip Master Tank is safer. Find out how it protects you against clogged drains, damaged walls, ruined floors or furnishings. How it ends the risk of digging up large sections of your lawn. Six exclusive features are your guarantee of satisfaction. Easier to install. **WRITE NOW** for free booklet, "Safer Sewage Disposal."

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Ask for FREE Demonstration by local distributor right in your own home.

Write Armours Co., Milwaukee, Wis.
TO SALESPEOPLE: NEW ART offers pleasant full or part time work. Write Dept. BH-40.

Four Versions of the Same Room!

[Begins on page 22]

single costume, and everyone had a wonderful time!

Many of us remember our grandmother's parlor of the late nineties, with its carved walnut furniture and utterly fascinating whatnots, its cabbage-rose carpet and wondrous feather flowers under glass domes. So much of the decoration of this period was in distinctly bad taste that, after the turn of the century, most things Victorian were bundled into attics and barn-lofts to collect dust and mellow with the years. Then we began to discover that this was a truly significant period in American life, and that a certain amount of so-called Victorian had a great deal of charm.

Many of us thanked our lucky stars that we had preserved some of the family lares and penates. We dusted them off and polished them up, and, first thing we knew, were avidly rummaging for additions in antique shops and other people's attics. Manufacturers who sensed this trend designed fabrics and floor-coverings to fit into the general picture, and lo! here we are, in the midst of an exciting revival of one of the most colorful phases of American decoration!

Twentieth-Century American (Modern) All the hocus-pocus about Modern's being a completely new type of design is, in good American slang, strictly the bunk. Modern is, essentially, the simplification of traditional designs...streamlining, if you care to use the word. It relies for interest on the intelligent use of light lines and simple curves, on soft finishes and natural woods, and discovers unusual textures and color nuances which give a wholly new charm to decorating schemes. American designers and manufacturers have played a leading role in the creation of beautiful furniture, fabrics, floor-coverings, and accessories in this contemporary trend.

"But will Modern last?" you ask. Yes, that which suits our pattern of living will endure, even as the best Early American, Eighteenth Century, and Victorian have endured. Throughout the years, our innate sense of style and discrimination has finally rejected the fads and fancies that creep into the furnishings of any period. In the year 2000 (only 60 years away) our Twentieth-Century American will be accepted, even as the preceding periods, as a lovely and significant version of the great American Scene.

So, CONSIDER your own and your family's tastes, preferences, and background. Plan carefully; buy wisely. And we'll guarantee that you can make the most ordinary room a place in which you'll love to live and welcome your friends!

Cooks' Round Table: Next month's Round Table takes up the subjects of *real* and *summer* desserts. Will you be on hand for the discussion?



I'll huff and I'll puff and I'll blow them all out!

That's the girl! Happy birthday, Ginnie.

Thank you—and have you seen all my presents?

Indeed I have. And what's more, right after supper I'm going to bring you the most exciting present of all... I'm going to bring your *Daddy's voice*, all the way from that city miles away where he had to go on business.

Are you truly? Oh, that will be lovely!

And even that isn't all, Ginnie. Ever since you were born, I've been busy for you. I've brought you vegetables from the grocer, dresses that Mummie saw advertised in the paper, and Dr. Wheeler who made you well. . . .

Why, you must be my fairy godmother!

I am, almost! And your Mother says it really is magic, the way I get things done for her. And cheaply, too. In fact, instead of counting me as an expense, she says I save her money!



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"It's a **75¢ Value!**"
 say buyers of many
 of America's leading
 department stores

ACTUAL
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GENUINE *California Pottery*
SALT and PEPPER SETS

Yours! 20¢ a set
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 AND 6 LABELS from Chicken of the
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When experienced pottery buyers of many of America's greatest stores say, "It's a 75¢ value!"...and you can get such a clever salt and pepper set as this for only 20¢ and 6 labels... *that's a bargain!* You'll love these "Two Little Fishes"...a canary yellow one for salt and a turquoise blue one for pepper (so that you know which one to use without a preliminary "shake"! And you can have as many of these colorful sets as you want by sending 20¢ and 6 Labels for each set.

So, stock up on this famous quality tuna right away...serve it to your family often. There are so many different ways of using it...hot or cold...all delicious! These famous brands have been America's favorites for 28 years, because only the tender, *light* meat is packed. Containing Vitamins "A" and "D" and Iodine, effective preventive of nutritional goiter, you can't serve this quality tuna too often for the health of your family.



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 Box C, Terminal Island, California.

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Enclosed find—Cash—Money Order—Check for \$____. Also—Labels
 from Chicken of the Sea Brand or White Star Tuna. Send me—SALT &
 PEPPER SETS (Salt Shaker is Canary Yellow; Pepper Shaker is Turquoise Blue).

Name _____
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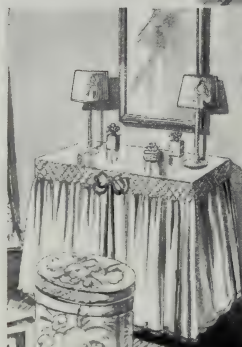
To Quilt IS SMARTLY MODERN

By Christine Ferry



Let the sewing
 machine speed
 the job. Go geo-
 metric or outline
 a printed design

Singer Sewing Machine Company



cover. For instance, if it's a tulip-patterned chintz with green or ivory background, choose plain material of shell pink, one of the flower colors. It's a fine way to rejuvenate an old bed.

The How of Quilting. Quilting requires a top, a back, and an interlining. Whether you use silk, linen, or cotton for the surface, there's no better interlining than cotton sheet wadding. Big aid to modern quilting are the large 81-x 96-inch sheets of it available almost anywhere. They're plenty large for a double-bed coverlet of uniform thickness, and just the right texture for quilting. Light-weight unbleached cotton or good quality of cheesecloth is used for a backing except in quilted patchwork coverlets, which are generally lined with the same sort of material used for the top.

First baste the three layers securely, holding them together with fine pins until all basting threads have been laid. Small pieces, or lengths of cloth to be machine-quilted, can be handled on a table top, but it's far better to stretch coverlet material in a quilt or rug frame, as it's most important that the three layers be free from wrinkles. Use a fine needle for basting.

Usually hand-quilting is done with short running stitches, the needle passing as nearly as possible straight up and down thru the three layers. Chain stitch is another possibility, so is back stitch, sometimes worked from the back in outline stitches of uniform length that meet end to end.

Cotton fabrics are quilted with sewing cotton, Nos. 50, 60, 70, or 80, depending on the fineness of the cloth. Buttonhole twist is used for hand-quilting silk fabrics; and sewing silk for machine work. Sometimes the bobbin is wound with metallic thread. This is most decorative on dark colors. Quilting on printed fabrics should match the motif being outlined, with solid-color areas stitched in self-tone.

Now the Design. Plain materials become quite elegant when quilted with even the easiest designs. The

To Grandma, something quilted meant something nice and warm to snuggle under in bed. Still does, but today its handsome texture is big news in other fields. Peasant sports clothes, draperies, upholstery, and slip-covers claim it, and amateurs and experts all over the place are relearning the simple old art of quilting. Meanwhile, modern sewing machines often speed the job and don't detract a bit from its quaint effectiveness.

Even quilted patchwork coverlets have a "new angle" right now, for they suit perfectly the simple, popular, low-footed maple beds.

Plain diamond-patterned quilting for slip-covers isn't so new, but quilted pattern chintzes, satens, and linens are novel and really lovely. You can have your quilting done, but loads of women are doing it themselves, either by hand or on the sewing machine. A special presser-foot attachment regulates spaces between diagonal lines of a plaided background. If you work by hand, mark guide lines lightly with pencil and yardstick. Nose-gage designs are quilted around the outlines of flower and leaf motifs. Hand-workers often quilt the areas between with intersecting lines $\frac{1}{2}$ inch apart or less.

We usually combine quilted printed fabrics with unquilted flounces of the same material for bedspreads. Might even have an upholstered headboard in the modern manner, using plain-colored material, quilted very simply in a geometrical manner for the slip-

"My mother-in-law
showed me the
NEGLECTED TWO-THIRDS"



Rugs cover less than one-third of your
floor space. That's why you need a

UNIVERSAL CLEAN AIR CLEANER

Its patented Super Intake Nozzle and Floor Brush get the dirt from bare floors and floor coverings and its powerful suction removes all embedded dirt from thickest pile rugs. It dusts, shampoos, deodorizes, sprays, demoths and purifies the air while cleaning everywhere.

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With each purchase, this All-Steel Utility Storage Cabinet—\$12.50 value, given FREE for your old cleaner. Two coats white baked finish. Extra storage space for other equipment. For some cleaner models your dealer will give additional cash allowance.



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NEW BRITAIN, CONN., U. S. A.

The "OPEN CHAMP"

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Opens round, square, oval cans. No jagged edges. Used world over. 3-year guarantee. 50¢ at Hardware Dept. Stores, etc. or from Edlund Co., Inc., St. Burlington, Vermont.

Edlund Co.
Can Opener

simple diamond block starts with a line running diagonally from edge to edge on a true bias. With a sewing machine, this serves as a guide for the presser-foot attachment, making it unnecessary to mark the fabric further. But in hand-quilting, both selvages must be marked at regular intervals for the height of the desired block, then connected with penciled lines to form either square or elongated diamonds. The pattern may be laid in single or double lines. Look at your mattress pad and you'll get the idea.

MORE elaborate geometrical all-over designs may be developed from pieced patchwork patterns. Even the simple brick-shaped rectangle (2 x 4 inches, or twice as long one way as the other), set together with the end of one block against one half the length of the next, is a nice variation from the usual diamond lattice. You can outline a repeating section on paper, perforate the lines with an unthreaded sewing machine set to medium stitch, then use stamping paste or powder to transfer the pattern. Or cut a cardboard pattern and pencil around it on material, thumbtacked to a board to prevent slipping.

The half-circle or clam-shell design is easily worked on penciled guide lines spaced $\frac{1}{2}$ the diameter of the circle apart. Cut a cardboard pattern, then arrange successive rows of half circles, each offset from the one preceding it. Or cut a full circle of cardboard and lap each row over the one preceding, like old-fashioned compass embroidery.

Designs mentioned are suitable for bridge-table covers, cushions, and bed tops. For something more elaborate, use a rather bold embroidery design for a guide.

For plain yard-goods quilting, apply design to light-weight backing material before basting the three layers together. But do coverlet quilting from right side, lightly penciling design after piece is mounted.

Patchwork Coverlets. Two kinds of patchwork coverlets are in vogue today. One is of blocks, pieced or patched, set together to form a repeating all-over design. The other has a central ornament and corner motifs or border.

Traditionally, both types overhang the sides and foot of the bed, and both are usually bordered and elaborately quilted. Such coverlets our grandmothers made for their wedding outfits, and it's the style to follow if you're making what is known as an heirloom coverlet. But if you're adapting the patchwork idea to modern treatment and want to save yourself a lot of work, patch and quilt only the bed top, then add a flounce of plain, unlined material down the sides and across the foot.

You'll find the stores full of a wide variety of designs, old and new. You can even buy stamped goods, cut-outs ready to seam or apply, or patterns by which to cut your own materials. Make sure color-fast, pre-shrunk fabrics are used. Choose those with a soft-finish texture and a fine thread count.

If you're cutting your own material, with many pieces of the same size and shape, make a stiff card-

Heavens! Can we afford all that?

Sure! FOSTORIA looks
like a million, but
it isn't expensive!



If you're coveting a crystal that combines beauty, economy and durability be sure to ask for "American" by Fostoria. And accept no imitations! The original, hand-made Fostoria "American" is a rugged, heavy, brilliant crystal. Its fire-flashing prismatic pattern is in good taste

for any setting. And low price permits the purchase of an entire luncheon set without the least bit of budget-pinching.

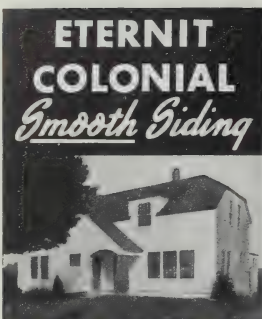
In open stock at dealer's everywhere. Or, if you prefer to select before shopping, write and ask for leaflet 404. Fostoria Glass Company, Moundsville, West Virginia.

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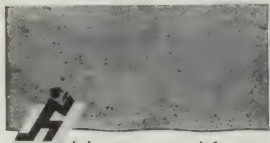


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Eternit Colonial Smooth Siding is applied with stainless steel nails of super-rustproof quality. Colors—a choice of three—Varitone, Brownstone

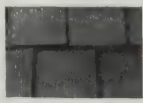


Asbestos-cement defies time

and Greentone. Lends beauty to new construction—equally good right over old sidewalls. Fuel bills are reduced—upkeep expense is lowered.

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this and other beautifying, money-saving RU-BER-OLD Building Products. Mail in the coupon today for free, illustrated building and modernization book, "Your Home."



TIMBEREX DUTCH LAPS
A low-priced Asbestos-cement Single. Fireproof, rotproof and time-defying. Ideal for re-roofing. Mail coupon for full facts.

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Address

City State BHC-4

To Quilt Is Smartly Modern

[Continued from preceding page]

board or No. 00 sandpaper pattern without allowance for seams.

For appliqué work, mark material on right side, cut piece $\frac{1}{4}$ inch beyond, mark, and fold edge under on pencil line. On curved edges snip margin at intervals. Whip pieces in place with fine needle and thread after first basting them down. Many quilt-makers baste and press turned edges before applying.

LONG narrow pieces, as flower stems, are cut on the bias twice the finished width. Turn both edges under to meet at center, then baste and sew in place. Don't stretch.

For a pieced quilt, mark wrong side of material and cut $\frac{1}{4}$ inch outside penciled line, which is the guide for seaming. A pieced quilt is sewed with running stitch and No. 50 thread the color of material. Seams are pressed with edges together, not open.

Usually coverlets of pieced blocks are quilted along both sides of all seam lines, then the background surface is blocked off with straight intersecting lines as already described. Experienced quilters often mark these guide lines with the needle as the work progresses.

APLIQUE blocks are done similarly. Follow the outlines of the patches as they overlap one another. You may quilt in leaf veins and flower petals on larger pieces, or pattern entire surface with intersecting lines. There's no limit to the amount of decorative stitchery possible on appliqué. The plume wreath is a favorite design for quilting, used to fill in the center and the margin with the same background pattern applied on the patch blocks.

But the coverlets that offer the greatest opportunity for ingenuity in quilting design are those with elaborate center and corner or border ornaments which leave large areas of the background material to be decorated. Many quilters outline appliqué with row after row of quilting until surface is filled. Interesting patterns result as lines converge. Others introduce scroll arrangements to frame the center ornament. Such designs must be applied delicately so lines won't show after stitchery is done. On commercial coverlet material they're often indicated with dots spaced at $\frac{1}{4}$ -inch intervals, to be connected with pencil lines if desired.

IF YOU'VE never done any patchwork-quilting—why not a cushion for your first venture? Coverlet blocks, both pieced and appliqué, make charming cushion tops. The 12-inch size rather needs a boxing strip; but the 18-inch is large enough. You'll enjoy a quilting spree.

"Easy to Build" is the title of a new leaflet that pictures and describes many of the items for your garden and home which have appeared in *BHG*; price 6c.



EVERY HOME IS BUILT AROUND ITS WINDOWS

The beauty of your walls, the arrangement of your furniture, the comfort, the livability, the enjoyment of your home—all depend on the right windows. How important then to buy **GOOD WINDOWS**... beautifully designed to harmonize with the architecture of your home... precision fitted to keep out drafts and save on fuel bills year after year.

Andersen Complete Wood Window Units have the beauty of design, the depth of shadow line and character possible only with wood windows. Andersen Windows are precision built like a fine automobile, sash and frame are factory fitted all ready to install. They are complete with operating equipment, efficient weatherstripping, and "A" quality glass bedded in putty, chemically protected against termites and decay—weathertight, leakproof.

You can get Andersen Windows for your new home in the following styles—Outwinging Casements, Narroline Double Hung Windows, NEW Horizontal Sliding Windows, and Basement Windows. Used and recommended by many nationally known architects and contractors.

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PLEASE CHECK: I am planning to build ☐ I am planning to remodel ☐

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Send without cost or obligation your book "Only The Rich Can Afford Poor Windows."

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Daintiness for Your Daughter

By Jessie S. Pflanz



WOULDNT' you like to create a bedroom, all dainty and feminine, for your young daughter?

You can do it with deft strokes of your paint brush and the hum of your sewing machine! Have the walls painted or papered in light primrose yellow. Paint a single bed, a low chest of drawers, and a slipper chair a soft, sage green. For a dressing table you could start with a narrow rectangular table, or with brackets attached to the wall and supporting a smooth board about 36 inches long and 15 wide. In either case you'll want to drape it and hang a mirror above.

AND NOW for frills. Use orange sateen and yellow organdy for that elusive tea-rose shading. The sateen covers the plain background; the organdy covers it. First comes a tailored sateen bedspread large enough to cover the sides and foot of the bed, full length to the floor. The organdy spread goes over this and boasts valances at the sides and foot. The dressing table is treated in the same way. First a tailored, box effect of orange sateen, then a full shirred skirt of yellow organdy to cover it. The mirror, which you probably borrowed from some old bureau, is now painted sage green and reflects the warm coloring of the walls.

FOR the windows, try glazed chintz shades with yellow background and multiflowered patterns, and yellow organdy tieback curtains, or straight hanging side panels of the same material, with overhead, shirred valances.

Handmade hooked rugs with green background and old-fashioned bouquets, a picture or two—perhaps lovely flower prints—and a green bowl to hold calendulas, tea roses, salmon gladioli, or mixed Sweet Peas add the last word of charm to complete the room.

Home Plans: In New Jersey some experienced architects have gone into the home-building business—to build homes for the average family. Next month *Bldcost* brings you their first plan, and their home.

WET PAINT

... A SIGN OF BRIGHTER DAYS!



COLORS BY NATURE •

PAINTS BY

PITTSBURGH

WHEN THE "Wet Paint" sign goes up in your home, it's a sure bet that your spirits will go up too. For nothing can bring that mental *lift* quicker than fresh, new, modern color schemes.

So give yourself a big treat! Spread brushfuls of beauty about you—with Colors by Nature, Paints by Pittsburgh.

It's fun to redecorate. Fun to whisk winter away with lively spring shades. And yet it's inexpensive, too—much more so than you'd probably guess! Just call your Painting Contractor and let him give you an estimate on redecorating your home, or "doing over" a favorite room, with Pittsburgh Paints. And if you have any difficult decorating problem, don't hesitate to call on us for advice. Just write Studio of Creative Design, Pittsburgh Plate Glass Company, Pittsburgh, Pennsylvania.

SPECIFY PITTSBURGH

1. Pittsburgh Paints cover a large area, making them economical to use.
2. They flow easily and evenly from the brush, leaving a surface truly as "Smooth As Glass."
3. Interior paints dry quickly, making it possible to redecorate any room in a single day.
4. The manufacture of Pittsburgh Paints is scientifically controlled. And every finish must pass rigid tests of uniformity and durability.



SUN-PROOF FINISHES guard the fresh beauty of this charming home. The body of the house is *Pearl Gray Sun-Proof*. Dormers and trim are *Sun-Proof Titanic Outside White*. Front Door is *Salem Yellow Sun-Proof*. Chimney, *White Cementbide*. These finishes . . . in fact all Pittsburgh's exterior finishes . . . are subjected to the

most ingenious mechanical tests as well as actual application tests. Rows of inclined racks expose panels of Sun-Proof paint to wind, rain, sleet, snow . . . many other destructive forces of nature in various parts of the country. We know Pittsburgh Paints can take it . . . can stand up under years and years of actual wear!



ORCHID BEDROOM—Look to the orchid—and borrow her hues for a lovely bedroom like this. On the window wall, use *Orchid Wallbide Flat*. On wall adjoining, use *Green-Gray* and other shades of *Wallbide Green Toner Intermix*. . . lightening progressively from floor up to ceiling as indicated.



SWALLOW DINING ROOM—Follow the swallow's gleaming plumage—as a color plan for a dining room of casual elegance. Use *Blue-Green Wallbide Toner Intermix* for walls. *White Wallbide Flat* for ceiling. *White Waterspar Enamel* for woodwork, wainscoting and base. Drapes are burnt orange.



BUTTERFLY LIVING ROOM—The exotic beauty of this butterfly's wings suggested the color scheme for the above living room. Walls are *Dark Green Wallbide Toner Intermix*. Baseboard and cornice-band, *Chartreuse Wallbide Toner Intermix*. Drapes, the color of *Sand Wallbide Toner Intermix*.

Copyright, 1940 Pittsburgh Plate Glass Co.

PITTSBURGH



PAINTS

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Smooth as Glass

For interesting information on Pittsburgh Glass see reverse side of page.



Glass

can make your rooms as delightful as these



YOUR POWDER ROOM IS AS CHARMING as it is useful when you dress it up with large mirror panels like these. Besides giving the room a bright, gay personality, mirrors make it seem to grow in size, almost as though by magic. To those persons who want mirrors which return absolutely accurate color reflections, we recommend Crystalex (water white) mirrors, made especially for this purpose. Residence of Mrs. M. J. Berner, Shaker Heights, Ohio, Architect, Maxwell A. Norcross.

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EVERY CHILD'S ROOM should have a full-length door mirror in it, to encourage neatness and pride in appearance. Mirrors to fit any door in your house can be installed in a jiffy. And note the mirror over the chest, No. GA-5 in the new Pittsburgh Glass Age Mirror line, combining mirror glass with Carrara Structural Glass, a new idea in decorations. Child's dress and furniture by Childhood, Inc., New York.



FOR A CLEAN AND COLORFUL BATHROOM, call on Carrara Structural Glass for help. Combined with Pittsburgh Mirrors, this polished, reflective wall material will make your bath the envy of your friends. Smooth, unfading, impervious to moisture, easy to keep clean with a damp cloth. Ten colors to choose from. Residence of Mr. Edwin A. Bayles, Lake Road, Short Hills, N. J. Elmer S. Tuthiel, Arch.

Pittsburgh Plate-Glass Company,
2025 Grant Building, Pittsburgh, Pa.

Please send me, without obligation, your free, illustrated booklet, "Ways to Improve Your Home with Pittsburgh Glass."

Name.....

Street.....

City..... State.....

If You've an Old House...

...let remodeling save it, just as it saved these three old homes

By John Normile

Better Homes & Gardens' Architect-Editor
Member, American Institute of Architects



Before Once elegant, once a showplace pointed out from passing buggies, the G. P. Short home became a burden, a three-story house for a family of three, expensive to heat, too valuable to wreck



After Knocking the porches and third story off helped bring it down to scale, and apparent size was further cut by using wide courses of shingles. Shutters would give it a stronger Colonial character

Dead From the Neck Up

FORTY years ago Attorney G. P. Short climbed to the top of a hill overlooking Ellensburg, Washington, and built his home there. It was a big, square, solid place with double front doors, such as the town bank president might have built. For years it stood almost alone on the hill. And then Ellensburg grew and began to move up the hill. Land values went up, and the hill became one of the most desirable residential sections in town. Yet each new house that went up around the old house accentuated its outdated

grandiloquence. Each passing year etched roughly at its walls and roof.

What was to be done with it? Sell it and build a smaller new house? No. No one would make a reasonable offer for such a big old place. Wreck it and use the lumber for a new house? No. Salvaged lumber doesn't much more than pay the cost of wrecking. Anyway, the old house was structurally sound, and the interior had been kept up-to-date. There was too much of value in it to justify wrecking.

REMODELING was the way out. Let the Shorts tell about it:

"Birger Larsson, [Turn to next page

Does your bathroom show GOOD TASTE?



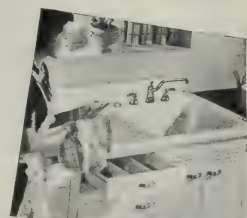
To THE friend who stays a week, to the "first time" dinner guest, to every visitor, and to each member of the family, your bathroom should proclaim good taste.

Good taste in bathrooms has been the aim of Kohler through more than a half-century of careful planning. That is why Kohler's luster-finished matched fixtures, designed for utility, beauty and long life, are so popular.

Yet Kohler quality is thrifty. Generations of skilled artisans in Kohler Village see to that.

Be sure to see your Master Plumber and ask him to show you how very much Kohler has to offer. Kohler Co. Founded 1873. Kohler, Wis.

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MINUTES ARE SAVED with a Kohler acid-resisting Cymaria ledge sink, built of rigid cast iron, and with a lustrous surface of durable enamel.

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Unlike anything you have ever experienced, Spring-Air literally seems to "lift you up". Fact is, you'll probably think that such soothing comfort is too good to last—but Spring-Air's time-proven 15-year construction guarantee is your assurance of never a "let-down". Always restfully buoyant, night after night, year after year, Spring-Air is indeed the most luxurious, yet the *thriftiest*, of mattresses to own.

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Because of its guaranteed Karr-built spring construction—famed for its refinement of design and manufacture—Spring-Air has established itself throughout the continent as the quality mattress of the field. You will have good reason to be pleased when you change to the mattress that is found in our best homes, hotels, and hospitals.

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GUARANTEED
MATTRESSES
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If You've an Old House... [Begins on page 87]

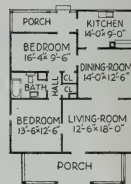
our builder, removed the old roof and attic walls completely down to the attic-floor level and erected the new roof without disturbing second-floor rooms. To help bring the house down in scale the ridge of the roof was set six feet below the old roof top. Two huge two-story porches were replaced with small ones. In place of the double front door a wide single door was used, with the additional space filled by two narrow panels of glass to add light to the front hall. Door and window casings were replaced with a small moulding. Reduction of heat leakage around the windows and increased thickness of wall-covering effected a considerable fuel saving. No interior alterations were made. There is only one of five children still at home and the house now exceeds the family needs, but it makes a very comfortable home and we're content with it as it is. It's now salable for enough to build a smaller new house."

Remodeling doesn't make a new house. But it shoots adrenalin into the dying comfort and market value of the big old outdated ones nobody wants.

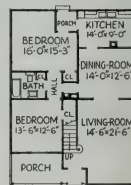
More Room But No Larger

AND as for how remodeling can remake small houses, just look at

what the Harry C. Watkins family did to their typical five-room Benton, Missouri, bungalow on this page. Without enlarging the foundation, without increasing the overall size of the house, simply by inclosing parts of the two porches, the Watkinses gained a larger living-room and rear bedroom, found space for a stairway to future second-floor bedrooms, and separated the first-floor bedrooms [Turn to page 106



Before



After



Before All over the country you see "typical" five-room bungalows like this one. How can they be modernized, given new livability?



After The Harry C. Watkins home shows one answer. By cutting away eaves and inclosing part of front and rear porches, Watkins gave it new youth and increased size without increasing dimensions

Once a Useless Door, Now a Beauty Spot

By Ruby Price Weeks



High, wide, and handsome is this great mirror with its handy shelf, turning an unused double doorway into a thing of beauty

ANY superfluous doorways in your home? Plenty of us are pestered by the things, especially if our houses were built some years ago, when architects seemed to live by the formula of when in doubt stick in a door. Too, revamping an old home often leaves us with an unneeded exit from a room, left in and allowed to spoil good wall space because it seemed too much trouble to plug it up.

But after all, why blot it out altogether? It's much cheaper, and almost always more effective, to use this man-made break in the wall and turn it into something much more attractive than a gaping doorway. Practically everybody needs more book room. A single or double doorway may be sealed, shelves installed, and your room made eminently more attractive and livable.

Plenty of dining-rooms could do with simple open shelves for choice china, gay pottery, and old pewter. That unused doorway that always got in the way of your coveted china closet can itself become one at astonishingly little cost.

LET'S take an example—the one pictured here. Remodeling an old house had rendered a double doorway needless. Originally it had led from one side of the living-room into the entrance hall. First the doorway was closed on the hall side, the space hung with heavy draperies, a table and twin chairs placed before it.

This left, on the living-room side, a recessed section the full depth of the doorway, backed by the panel which closed it from the hall. On this backing was secured a large flat mirror, held by narrow wood moulding which completely framed it. Below, in line with the living-room wall, was installed [Turn to page 97]

Don't Cry Over Spilt Jam



Oh Dear, I've ruined your beautiful new wallpaper!



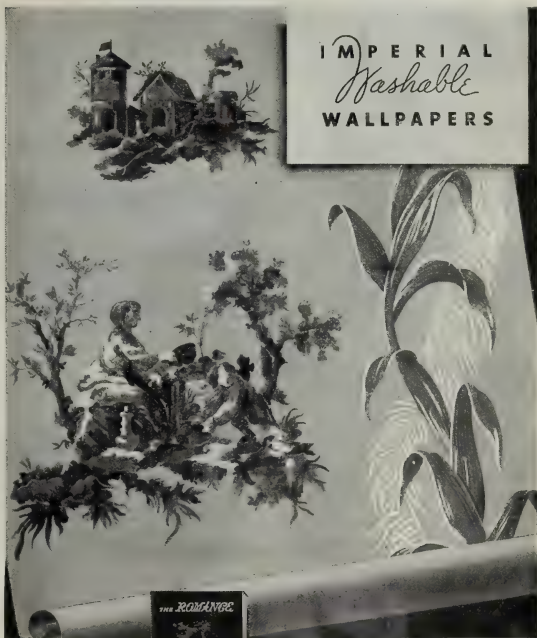
Don't worry—we'll sponge it right off... But it's jam! Surely you can't wash that off this beautiful paper!

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Be proud of your home and sure of its beauty! Remember that much of this beauty depends on the walls because 2/3 of your home is wall space. So choose the finest decoration, Imperial! Hundreds of gorgeous new patterns are now definitely inexpensive. And they save you money because they last longer...every one is guaranteed washable and fast to light! Be sure to ask your decorator or paperhanger for genuine Imperial papers, identified in sample books by the famous silver label.



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Dull Walls... Bright Ideas?

How to brighten, lighten, and beautify problem rooms

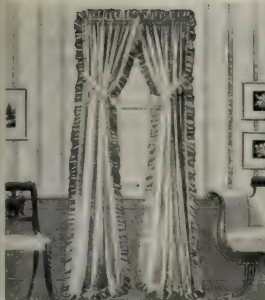
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Size (Dimensions).....
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Most curtains look dainty when new. Victoria Double Life Curtains look dainty even when old. Besides, they last twice as long. The secret? Discreet headings at top and bottom permit end-for-end reversing; charming ruffles of equal width allow front-to-back turning. Never a sun-faded or breeze-frayed end to spoil the effect of this complete window treatment. A variety of lovely materials is available in Victoria Double Life Curtains—or regular Double Life Curtains, which are reversible top-to-bottom. Send for name of convenient store. FAIRCLOUGH & GOLD, INC., Dept. B, Boston, Mass. Manufacturers of Stage-Rite Marquisettes

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Instead of Harsh Laxatives

TRY
**LEMON
& SODA**

First or last thing daily. Juice of 1 Sunkist Lemon and 1/2 tsp. baking soda in tall glass half full of water. Drink as foaming subsides. FOR FULL DETAILS SEE PAGE 134.



IDEAS

For Home-Builders

HUNDREDS of them! The very ideas you're seeking to help make your home a dream come true. Write to Better Homes & Gardens, 6704 Meredith Bldg., Des Moines, Iowa, (enclose 50¢) and we'll send the 1940 edition of NEW IDEAS FOR BUILDING YOUR HOME.

"So we put Ozite through the wringer..."



along with
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rug pads"

... and Ozite was the
only one that didn't lose its softness!

Make this simple test (as we did) with an ordinary clothes-wringer and you will see why all rug cushions aren't the same! Squeezed 100 times, Circle Tread Ozite is still springy and soft—but the "just-as-good" bargain pad gets thinner, harder, less resilient—no longer "just-as-good"—no longer a bargain!

Any rug pad is soft WHEN IT'S NEW, but genuine Circle Tread Ozite Cushion stays soft AS LONG AS YOU LIVE—giving lasting protection to your rugs and a yielding richness to the least expensive carpet. Genuine Ozite is the biggest bargain in the long run—never needs replacement, is never cheapened with fillers dyed to look like hair. Made of REAL hair reinforced with a burlap center.

Look for the Circle Tread design and the name OZITE in the fabric. Made in 5 weights. Permanently moth-proofed, odorless because Ozonized. Satisfaction guaranteed. Sold everywhere.

Write for free sample and "Booklet 16" on Care of Rugs. Clinton Carpet Co., Merchandise Mart, Chicago.



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• This "bargain pad" was rolled through the wringer 100 times—and just see what happened to it! Half its thickness and most of its resilience gone, it is no longer the pad it was before pressure was applied.



• And now look at Circle Tread Ozite after it's been through the wringer 100 times. There's hardly any change... even the Circle Tread design hasn't matted down! It's still a REAL cushion, soft, springy and "alive!"

Save Their Eyes

[Begins on page 42]

Here's What Can Be Done at Home

First essential of good home lighting is plenty of it. Light should be reflected from the ceiling for general illumination, and the lighter the color of the ceiling, the greater the reflection. Also it's important not to cover windows with heavy draperies. Venetian or translucent blinds soften and diffuse the light from the whole window, rather than shut it out. Where any seeing task is performed, there should be additional light. That may mean electricity even in daytime. Don't hesitate! Fatigue, irritability, eyestrain, and drowsiness will all be held at bay.

SECOND essential is light diffused thruout the room, without glare or harsh shadows. To find out about glare, place a mirror on the surface where your child works or reads. If it reflects a light source or shines brilliantly, move either the light or the desk.

Shadows are taken care of by strength and placing of lamps. The rule is a 100-watt bulb in a one-socket lamp, 60-watt in two, 40-watt in three. (And keep bulbs and shades clean.) A living-room where the whole family reads, studies, or works should be lighted as follows if the old-type lamp is used:

Ceiling fixture, three 60-watt bulbs; floor lamp by piano, two 75-watt bulbs; table lamp by Dad's reading chair, two 60-watt bulbs; bridge or student lamp for homework, throwing light directly upon the work, one 100-watt bulb. For kitchen work, a 100- or 150-watt bulb in the ceiling, with auxiliary lighting over sink and range.

IF YOU'RE buying new lamps, look for the I.E.S. tag. This means the lamp is approved by the Illuminating Engineering Society. These are evolved especially for good vision, having a translucent bowl which softens and diffuses the light downward and at the same time throws light on the ceiling for distribution in the room. In addition, in the shade there's an inside reflecting surface which throws extra light on the task. This type of lamp is available in both floor and table models, and carries larger bulbs, anywhere from 100 to 300 watts being suggested. Many have a 3-way control, permitting softening if less light is required.

THE light source should be not more than three feet away from any close task, should shine upon it and not in the eyes of the worker. For right-handed people, light should come over the left shoulder; for left-handed, over the right.

Most electric companies have experts who will come to your home free of charge and advise you about your lighting scheme. Lamp departments in stores also as a rule have someone who can suggest the type of lamp best fitted for the place it will occupy or the task it will illumine.

YES MAAM! I'M THE LIQUID WAX THAT GIVES YOUR FLOORS LONGER LASTING BEAUTY... OR MY NAME ISN'T DRI-BRITE!



The world's
longest wearing
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Dri-Brite is different from other liquid waxes. Its extra concentrated formula gives a harder, longer lasting, more protective finish... and makes Dri-Brite more economical to use.

Spread Dri-Brite with a cloth or applicator. (No rubbing, no polishing.) Then watch your floors take on a glorious, rich, gleaming lustre. Saves hours of tedious work. too! Dirt, dust and stains vanish like magic at the touch of a damp cloth or mop from Dri-Brite floors and linoleum.

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CASCO FLEXIBLE CEMENT is an industrial adhesive now in handy tubes so you can use it. Sticks wood, paper, fabric, leather—to metal, plastics, glass, any household material. Resists heat, moisture, jolts. Large tube 25¢ at hardware stores.

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You'll need CASCO POWDERED CASEIN GLUE for all heavy-duty wood gluing. Used by furniture and boat manufacturers. Easy to use. No heating. 10¢ to 65¢ at hardware stores.

Casein Company of America
350 Madison Ave., New York

What May Be Done at School

THE same experts will be glad to help in a better school-lighting program. This can be a really thrilling undertaking. In one city after another, the experiment has been tried of lighting one classroom scientifically, then comparing the progress of its pupils with that of youngsters in a room with ordinary lighting, all other factors being made as equal as possible. In almost every instance, failures dropped in the well-lighted room, studies improved at least 10 percent, and reading sometimes as much as 28 percent over the rooms with the sort of lighting most of our children have right now.

If you're a Parent-Teacher Association member, could there be a better enterprise for your group to tackle than that of helping to conserve the vision of your children, at the same time raising their school performance? This is something in which fathers, too, will enthusiastically take a hand, especially after a conducted tour thru the school building with a light meter.

IN NIAGARA FALLS, the Kiwanis Club paid to install proper illumination in one grade. It was an experiment that turned out to be a shining example. In other places, one building has been chosen by parent groups for complete light reconditioning. A demonstration is all that is ever needed. After fathers and mothers see the difference it makes, they demand it in every room and every building.

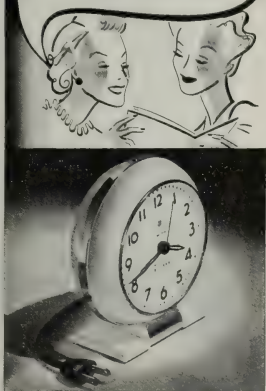
Correct school lighting requires fixtures with filament lamps which throw the light on the ceiling, thus making it indirect and so diffused that it seems to come from everywhere. Each row is on a separate switch, so that different parts of the room can be illumined independently. Lights by windows carry 300-watt bulbs, inside rows 500-watt. A really deluxe job has a photoelectric eye which turns on lights automatically whenever and wherever they're needed. However, a scheme with independent switches and light meters to tell when to turn them on is a marked improvement over the old way.

COLOR is a very important factor in good lighting. In several new schools I've seen recently the color schemes have been worked out as carefully by the architects as the actual construction.

Ivory or white in flat finish is used on ceilings, since it reflects 80 percent of the light. Soft light colors tint the upper walls, reflecting 50 percent. In one plan, buff or tans with orange trim were used in west rooms, light blue, soft green, or blue-green on the south, and on the north the warm shades—light pink, cream, light buff, or ivory with blue trim. Lower walls reflect little light anyway, so these were darker to hide fingermarks. Floors matched the rooms, and corridors gay as a flower garden completed a color scheme that delighted the eye and gave oceans more light.

The principal told me that before the pupils had been in the new

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You'll find self-starting Manor electric will clock the handiest addition you ever made to your kitchen. Four color combinations, \$3.95.



Self-starting Bachelor is an electric alarm that enhances the appearance of any room. Comes in blue or black finish, plain dial \$3.95; ivory finish, luminous dial, \$4.95.

These are only a few of the many smart Westclox electric—alarm models, time clocks, wall clocks, priced from \$2.50 to \$6.95. Some have plain dials, some luminous. See them all today! Westclox, La Salle-Peru, Ill. Division of General Time Instruments Corporation.



**WESTCLOX
ELECTRIC CLOCKS**

building six weeks, failures had been cut 10 percent and that teacher and pupil morale was up 100 percent. Reading, studying, and working were easier; classes didn't tire as readily and made fewer mistakes.

Of course, there are lots of windows in these fine new buildings, with either Venetian blinds or translucent shades. The latter work on two rollers so that sashes can be covered independently. The woodwork is dark or in dull natural finish to prevent glare. Children are seated so that they don't face bright window areas. Glass which shoots beams of light into the children's eyes can be removed from big pictures. Bright varnish on desk tops or woodwork can be dulled.

TO BUILD a school today without considering the foregoing factors of lighting would be as backward as building it without plumbing. The fine thing is that old buildings can be made just as lightweight as new ones. The gloomy old grade school I attended and to which my son now goes has been repainted thru-out in ivories and tans and light, pretty, pastel shades. I never would have dreamed those dark brown dungeons could be made so gay and bright and easy on the eyes.

Old buildings can be re-wired so that they, too, can have good artificial lighting and separate controls for each row of lights. Indirect fixtures can be installed as easily here as in new buildings, carrying more and larger bulbs. By their aid, the darkest rooms can be made proper work places for young eyes.

NO ONE claims that adequate light will do away with all school problems, but it has justified itself in Cambridge, Massachusetts; in Lebanon, Pennsylvania; in Tusculum, Alabama; in West Des Moines, Iowa; in Kelso, Washington, and in many other places.

And one thing is sure. When our children no longer have to become owls in order to do their lessons at home and at school, a whole lot more of them should reach middle age with good eyes!

Once a Useless Door. Now a Beauty Spot

[Begins on page 89]

a neat horizontal panel, topped by a four-inch shelf supporting the mirror and inviting flowers and amusing pottery bits. This woodwork was painted ivory to match the room's own wood trim. Thus an ugly hole-in-the-wall became a charming asset, reflecting the graceful fireplace and the light from the window, and making a narrow room seem surprisingly wider.

THESE flat, unframed mirrors, so very much in vogue today, aren't cheap, yet really they cost little, considering the new beauty they bring to a room. And if you're one of those canny souls who can smell a sale a mile away, frequently you'll find rare bargains at fire sales or at once blemished buildings that are now being remodeled.

It's got "Oomph" this Smooth Creamier MUSTARD



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WELL-KNOWN
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FAVORITE PREPARED
MUSTARD. I LIKE
ITS SMOOTH CREAMY
TEXTURE—IT BLENDS
PERFECTLY**

Try Miss McBride's recipe for
Cabbage and Sour Cream Dressing

1 two-lb. head of cabbage, 1 cup light sour cream, 2 tps. French's Mustard, 1 tsp. salt. Wash cabbage, remove core, and shred. Cook in boiling water for seven minutes and drain. Meanwhile combine remaining ingredients. Pour over cabbage, shake over fire until thoroughly heated. Serves 6.

Paul Holder
GARDE MANGER
OF NEW YORK'S
HOTEL RITZ-CARLTON



**French's
HAS A SPECIAL
PIQUANT FLAVOR
I LIKE—IT'S NEVER
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M. Holder's Baked Ham à la French's

Bake half a smoked ham (the new tender ham which does not need parboiling) uncovered in a slow oven of 300-325° F., allowing 22 min. per lb. When done, take from oven, remove rind, score fat, spread generously with French's Mustard and brown sugar, dot with cloves and brown in moderate oven (400° F.) for 15 min.

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It—because
it's creamier,
smoother

Made of the finest
spices, vinegar and
mustard seeds—
contains no artificial
preservatives
or adulterants.

LARGEST SELLING
PREPARED MUSTARD IN U. S. A. TODAY





Chicago Architectural Photographing Company

Change Your Window Shapes Since Mrs. Jackson's bedroom also served as a study, so couldn't go in for any unnecessary feminine furbelows, it presented a bit of a problem. First her designer-husband took down the distracting curtains and draperies from French doors and windows. Plywood panels with porthole openings were set over the window frames, already hung with Venetian blinds. Solid panels were fitted over the doors.

It's no trick at all to raise and lower the Venetian blinds, since their automatic stop and pull cords are within easy reach just outside the opening. They're quickly taken out for cleaning—simply raised full height, detached at one end, then brought thru the opening. The window is then readily cleaned thru the porthole.

Outside the French doors the Jacksons built a tiny balcony. Here growing things thrive, adding to the beauties of the room.



Chicago Architectural Photographing Company

Libraries Take to the Hall Halls can be dreary, dark places—or delightful adventures. Books, pictures, and light walls will do wonders for the saddest of them, whether they're upstairs or down. To create the shelves shown here, designed by Mr. Jackson, the wall was built out so the recesses would be deep enough for the average-sized book.

Now the man of the house can locate his favorite novel without having to barge in on his wife's bridge club.

To make book titles easily readable, recessed lights were inclosed in a projecting beam extending slightly over the shelves.

Metal strips thru the center of the floor linoleum stand the brunt of the heavy traffic that is concentrated in narrow space.

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WHEN YOU INSULATE WITH
INSULITE

Beauty and INSULITE are inseparable!

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You need not build a new home to benefit from INSULITE, for it goes right on over the old cracked plaster, and brings a fresh beauty to any room in the house.

When you Insulate with INSULITE you cut fuel bills, reduce noises and save future repairs.

Mail the coupon today and learn how INSULITE, the original wood-fibre structural insulation board, protects new home investments and makes old homes new again, quickly, inexpensively.

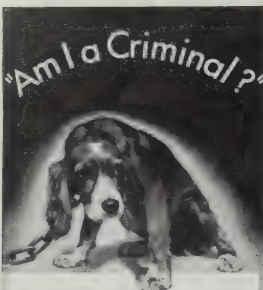
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* * *

Dog hair, lint, thread, dirt do not worry the owner of a Wagner KOMB-KLEANED Sweeper. A few quick, easy strokes over the rug and they're all picked up — the rug's clean brilliance restored. Why? Because the brush in the Wagner is kept constantly clean by two patented, double-acting combs. Then, too, there's a positive brush adjustment for THICK and THIN rugs — a nonbreakable window which shows when pans need emptying — you don't have to dirty your hands with hand cleaning of brush, oiling wheels or emptying dust pans.

Here is the Sweeper you've always wanted. There's a model and price to fit your needs — at your dealer; or write

E. R. WAGNER MFG. CO.
Established 1899
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Uncombed Brush in the ordinary sweeper becomes matted with dirt and hair and lint. Wagner Komb-Kleaned Brush is automatically cleaned by double-acting combs.



WAGNER
KOMB-KLEANED SWEEPER

Goldilocks Finds a "Just-Right" Bed

[Begins on page 20]

clipped. This prevents the upholstery from shifting, and gives the mattress a permanent, flexible edge.

Pre-built borders are another characteristic of every well-tailored mattress. A good border will help keep the sides of a mattress erect and unbroken thruout its lifetime.

THE final touch on a carefully tailored mattress, as on a dress or suit, is its binding. On a mattress this is known as a French-tape edge, and is used to finish the edge where the pre-built border and the mattress proper meet.

Altho the feather beds of Goldilocks' day were aired by frequent trips to the back yard, where they were tirelessly shaken and fluffed up, a modern Goldilocks will insist that any innerspring mattress she considers be plentifully supplied with ventilators so that the inside of the mattress is never without fresh air.

Occasionally a mattress needs to be turned. For this task there should be sturdy handles to facilitate lifting and turning. These, on the best mattresses, are attached to the inside rather than the outside to minimize any strain on the borders.

A DIFFERENT kind of innerspring mattress that Goldilocks will look at is the two-layer mattress. The top layer that comes next to the body is a separate flexible pad filled with cotton, and is easily turned and aired. The second layer, the one directly under the pad, contains the spring unit instead of having it centered between layers of upholstery as it is in the regulation one-piece innerspring mattress.

The second type of mattress which Goldilocks will find, as she explores the bedding department, will be the solid (all-fiber) mattress. This, the salesman will explain, is filled with either cotton or curled hair or lamb's wool, and, while there are many degrees of softness and firmness to be found in solid mattress models, just as there are in innersprings, they don't have as much "springiness" as the average innerspring mattress. As its name implies, it contains no mechanical units.

ON CONSULTING price tags, Goldilocks will discover that solid mattresses aren't always less expensive than innersprings. The best solid mattresses are well above second-grade innerspring mattresses in price, and some of them are more expensive than the best-grade innersprings.

A cotton mattress, to give the best service and be the most comfortable, should be filled with long-fibered staple cotton that has been felted into layers. The best curled-hair mattresses are filled with a mixture of horse-tail or horse-mane hair and cattle-tail hair. Be careful to avoid any mattress that contains hog hair or hog bristles.

A mattress filled with good-quality curled hair isn't only luxuriously comfortable, but is unusually prac-

WHY MOTHS ARE HARD TO KILL

The One Right Method Revealed by Famous Home Economist

Have you tried to rid your home of moths year after year? And have these destroying pests kept reappearing again and again?

Don't be discouraged—you can be rid of moths, every one of them!

Helen Sprackling—famous home economist—now tells the truth about moth prevention in a new 6 page leaflet entitled, "How to Prevent Damage by Clothes Moths".

Crammed with Facts

Approved word for word by leading independent experts, this leaflet is crammed full of facts every woman should know about moths. It tells exactly why nearly all women are wasting time and money in free time with old-fashioned moth prevention methods . . . it tells the one right method to kill moths and moth larvae in your home . . . and it tells how easy it is to prevent moth damage not only for this year but for every year!

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Don't delay—get this valuable free leaflet today. Just ask for free White Tar Leaflet, "How to Prevent Damage by Clothes Moths"—at the moth preventives counter in any drug, department, variety, or 5 & 10 cent store. Or send coupon below.

And—when you buy your Preventives—don't forget—White Tar Moth Preventives and White Tar Mothproof Bags are among the lowest in cost as well as 100% reliable and effective. Demand White Tar by name—it's a Koppers product!

If you prefer, fill in coupon, and the leaflet "How to Prevent Damage by Clothes Moths", will be sent direct to your home.

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Please send free leaflet, "How to Prevent
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tical because it can be rebuilt successfully. If the hair filling is re-fluffed and cleaned every five years, with new hair added as needed, the mattress will last for many years.

THE third type of mattress Goldilocks will see before deciding on a mattress for her bed will be the new latex mattress, made from the whipped milk of the rubber tree. It was first introduced just three years ago. To make this mattress, the latex is vulcanized in cellular molds so that the finished pad mattress is 85 percent air and 15 percent latex, making it very light weight.

This porous structure not only contributes to easy handling, but also makes the mattress cool for hot-weather sleeping, since every movement of the body sends air circulating thru the mattress pores.

Since the latex pad is three, or at most four and a half inches thick, it's not as high as a regulation mattress and must be used with a special foundation bedspring that will raise it to the accepted bed height.

In addition to its use for solid mattresses, latex is also being used in place of cotton, hair, or wool upholstery on some new innerspring mattresses.

TICKINGS are things that all mattresses—whether they're innersprings, solid mattresses, or latex—have in common. Nowadays it's good news that there's no need to sacrifice durability to have beauty in a ticking. One of the most important developments in ticking has been the embossed jacquard which American mills have developed since 1938. It's approximately 50 percent heavier than foreign damask.

Among the new patterns, multi-colored stripes (either sateen or satin) are most popular, centered panel designs in damask are second, and all-over prints are third. The background colors most in demand are wood rose, green, and blue.

Many of these new tickings have been processed so they're both sun-fast and spot resistant. Some have been given antiseptic qualities that make them germ repellent.

While pattern, color, and processing are important considerations, the wearability of a mattress cover is determined by the weight of the material and the firmness of the weave. Durability standards for all tickings are set by the old-fashioned blue-and-white-striped, six- or eight-ounce cotton drill that's still a favorite with many shoppers.

CAN you imagine the original Goldilocks deciding that the Little Bear's bed was best without first trying all the beds? Neither will her modern counterpart buy a mattress until she has given it a "lie-down" test, for it's only by stretching out on a mattress that you can find out how much resilience and support it really has. Pumping up and down on a prospective mattress purchase with the hands has come to be an accepted ceremony, but it won't give a true idea of how the mattress will feel when the time comes to sleep on it.

As a result of the lie-down test, Goldilocks will undoubtedly find a mattress that's the personification of sleeping comfort so far as she is con-

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"At first I worried about Bill's patrician appetite. Would he demand terrapin stew or lobster Thermidor? Now I know he likes simple food best, but it must be served right. Colman's Dry Mustard with meats, for instance. 'A man's mustard,' says Bill. 'Has a fine, racy taste that brings out all the good meat flavor.' " Use Colman's as a seasoning in cooking, too. Adds sparkle to gravies, sauces, meats, salad dressings.

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Atlanta Sales Corp., Sole Distributor,
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Please send me 12 new Colman's recipes.

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cerned. But let's suppose, as is so likely to happen to any of us, that the salesman jolts her out of her rosy dreams by quoting a price that's some ten dollars more than she has resolved to pay for a mattress. He explains that the more comfortable mattress quite logically costs more because better material and more painstaking care went into its construction.

RIGHT here is a test many bedding buyers don't successfully pass, and they hereby sentence themselves to five or more years of nightly tossing on a "bargain" mattress that they thought would be "good enough."

The tragedy of such a situation lies not only in the resulting discomfort of trying to sleep on a mattress that doesn't fit, but also in the fact that the better mattress would probably have been considerably less expensive because of its much longer lifetime. According to careful estimates, a mattress of excellent quality costs less than one cent a night to own on a ten-year basis, while a cheaper one can easily amount to just twice as much.

Since Goldilocks is a remarkably sensible young woman, she'll survive the temptation of the price tag and select a mattress that represents both quality and supreme comfort. In her imagination she's sound asleep in the Little Bear's bed—but not quite.

DIMLY Goldilocks hears the salesman say, "Now, what are you going to do about a bedspring to go with the mattress?"

You might say, "Oh, the one I have will be all right." But not Goldilocks. She'll stop to consider that it takes a mattress and a bedspring to make a bed. Besides, she's heard that many sleeping woes can be traced directly to the use of the wrong kind of bedspring with a new mattress.

The general rule for combining a mattress with a bedspring is that with an innerspring mattress, the bedspring should supply one third of the total resilience of the bed, and with a solid mattress, two thirds.

If Goldilocks has chosen an innerspring mattress, she'll now select either a matching boxspring or one of the new coil springs with special closed-top features (either a platform top or closed coils) that will keep the upholstery and smaller coils of the mattress from working down into the bedspring.

If her new mattress is the solid type, she'll take either a resilient open-coil spring or a very flexible boxspring.

The reasoning back of these selections is that a soft innerspring mattress can be ruined by being mated with a very "springy" coil bedspring, just as a new solid mattress that was satisfactorily resilient in the store becomes as unyielding as the floor when combined with a firm boxspring or platform-top coil spring.

WITH a bedspring designed for her new mattress, the quest of Goldilocks for a "just-right" bed ends. Hers is sleep so deep and refreshing that not even a return visit of the Three Bears would be disturbing.

MAKE THIS EASY TEST

Sprinkle a little Old Dutch on the back of a porcelain plate, rub with a coin. You'll hear no grinding or scratching, for Old Dutch contains no harsh grit. It is made with Salsmotta.

"A PERFECT WHIZ
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...FAST...EASY!"

"IT'S KEPT OUR
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"IT CUTS GREASE
...GIVES A
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This test shows how OLD DUTCH CLEANSER protects bathtubs and sinks



The test pictured above is scientific proof that Old Dutch Cleanser keeps porcelain unscratched and smooth. The practical proof is reflected in the sparkling surfaces of tubs, basins and sinks in millions of homes! Because smooth unroughened surfaces require no hard rubbing Old Dutch saves cleaning time. It cleans swiftly because its **ONE-TWO CLEANING ACTION**—1, cuts grease quickly; 2, makes cleaning easier. Fast and safe—that's Old Dutch Cleanser.

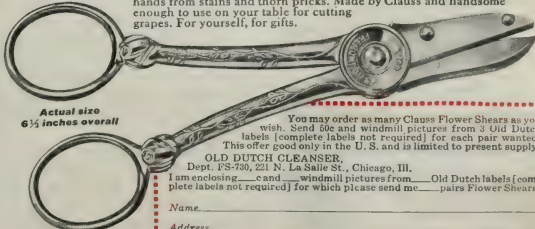
Cuts Grease . . . Doesn't Scratch

Attention, Gardeners!

You'll Want These Flower Shears!

\$125 VALUE for only **50¢** and windmill pictures from 3 Old Dutch labels

A wonderful help in flower picking. The rustless, stainless cutting blades are cleverly designed to grip stems firmly. This makes out-of-reach flowers accessible, protects hands from stains and thorn pricks. Made by Claus and handsome enough to use on your table for cutting grapes. For yourself, for gifts.



You may order as many Claus Flower Shears as you wish. Send the and windmill pictures from 3 Old Dutch labels [complete labels not required] for each pair wanted. This offer good only in the U. S. and is limited to present supply.

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I am enclosing _____ and _____ windmill pictures from _____ Old Dutch labels [complete labels not required] for which please send me _____ pairs Flower Shears.

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1. HORRIFIED AS CAKE-FILCHING HUSBAND LITTERS RUG — WITH GUESTS DUE ANY MINUTE

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Check Your Furniture

By Christine Holbrook

Director, Better Homes & Gardens'
Home-Furnishings Department



Furniture, Heywood-Wakefield; Rug, Bigelow-Sanford; Lamp, Sandel

For pure unparalleled comfort we nominate this maple wing chair with its graceful but substantial lines and come-hither look. Its tapestry, well-called Old Lyme Garden, draws its name from the skillful composition of quaintly formalized garden flowers



Imperial Furniture

As useful as it is decorative is this triple nest of mahogany inlaid tables, the smallest of which adds a substantial look when all are stored away

Kroehler Mfg. Co.; Rug, Alexander Smith



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When you take your receipt, please be certain that it bears the seal of quality and service as well as the complete terms of the sale.

BETTER HOMES & GARDENS

Needs Here

[See additional pieces on page 120]

Kindel Furniture



No need to wait till your budget will stand the jolt of a complete set of bedroom furniture. Add as your needs grow. Every piece in this charming Eighteenth-Century bedroom is always available. You may have your choice of five different beds at the same price, a number of highboys, chest-on-chests, bureaus, a large vanity, numerous mirrors, and chairs. The antique finish and drawer pulls are copied from a chest owned by President John Adams



Simmons

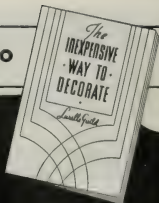


Brand new is this smart Lawson hide-a-bed sofa, lovely enough for any living-room, yet with the comforts of a regular bed. Frees you from surrounding arms and back, is a snap to open and close; is full length and double width

◆ Splendid workmanship is to be found in the scientifically constructed frames of these comfortable Eighteenth-Century living-room pieces. Excellent quality of workmanship is in the non-collapsible spring-filled seats and non-sagging steel-net underconstruction. The couch and chair are in royal-blue frieze and effectively combine with the garnet velour chair in the foreground

[Continued on page 120]

THIS BOOK TELLS AND SHOWS HOW TO



Create the ROOM OF YOUR DREAMS The Inexpensive Way



THE SECRET of successful decoration is knowing how to get the most out of an existing room and its furnishings—with the least expenditure of money and a minimum of inconvenience.

In his latest book, "The Inexpensive Way to Decorate," Lurelle Guild tells and shows how easy it is to achieve charming rooms through proper furniture arrangement and the simple expedient of *rearranging*. For no other single thing can do more to transform an unattractive room than lovely lace net curtains.

The new Scranton Craftspun* Curtains are exquisite—styled to meet every decorative need. Woven for *extra strength* entirely of double- and triple-ply thread, they wear and launder marvelously. All are perfectly tailored with matched hems, ready-to-hang.

"The Inexpensive Way To Decorate" is completely illustrated—with 18 authentic rooms in *full color*. Facts on color schemes, period furniture, room arrangement, curtaining problems. Send for your copy, today. Enclose 10 cents to cover mailing costs.

Scranton CRAFTSPUN CURTAINS

"THE NET OF THEM ALL"

*Reg. U. S. Pat. Off.

Scranton Lace Company,
404 Glen St., Scranton,
Pa. I enclose 10 cents for
my copy of "The Inexpensive
Way To Decorate," fully illustrated.

Name

Street

City State



Shingles last longer when they are stained with Cabot's Creosote Stains. The color is carried in a vehicle of pure creosote—best wood preservative known.

Stain for money-saving Beauty



All the beauty of the wood is revealed and emphasized when you stain your house with Cabot's Creosote Stains. The colors are clear, deep, rich.



Economy in Cabot's Stains is based on low gallon price, low application cost and remarkably long life. They save you money now—and for years to come.

Only in Cabot's Stains can you get the advantages of our patented Colloquaph process. The pigments are divided to sub-microscopic fineness and colloiddally combined with the oil. Thus, the color penetrates further, giving a depth and richness not obtainable with other materials.

Cabot's Shingle Stains

Creosote or Heavy-Bodyed



Free Booklet

Stained Houses

Contains full information. Shows pictures of many prize-winning houses stained with

Cabot's Stains. Write for your copy today. Samuel Cabot, Inc., 1212 Oliver Building, Boston, Mass.

You Take Your Choice

No. 30 of a Series on Family Life Insurance by RAY GILES

RICHARD C. believes that if more of us understood the many different settlements that are possible with life insurance, endowments, and deferred annuities, we'd be even more interested in these things. To illustrate, he brought out a deferred annuity he began when he was 37. Now he's 50.

Today its cash value is \$14,590, which sum he could collect or leave to his widow in a single payment.

If he decided to convert that amount into income now, to be paid on his life alone, he'd get monthly checks for \$107.77 as long as he lived. However, he thinks he'd prefer a refund annuity, because then monthly payments would continue until the whole amount of \$14,590 had been paid back either to him or his beneficiary. The monthly checks would be for a little less—\$98.41.

IF HE doesn't wish to mature the contract now, but doesn't want to make further payments, he can convert the present cash value into a paid-up deferred annuity to commence at age 65. Interest will increase the value every year, and the return per dollar increases also.

Or he can turn this policy into joint-annuity income after Mrs. C. reaches her fiftieth birthday. That would pay monthly, quarterly, semi-annual, or annual income checks (again you take your choice!) as long as either was still living. But on the death of either husband or wife the payments would drop to two thirds of the previous amount.

In case of death there are varied options also:

(1) Mrs. C. can receive the entire principal.

(2) Or Richard C. can stipulate that the principal is left intact, and 3 percent interest will be paid every year to his widow. After her death the principal would be divided equally among the children.

(3) Or he can arrange a life income that's guaranteed to continue for 20 years. This means that Mrs. C. would receive income no matter how long she lived but, should she die before the 20 years were up, income would go to the children until the end of the period.

(4) Finally, Richard C. can, if he chooses, have proceeds paid to his wife in annual installments for five, ten, fifteen, and up to fifty years.

OPTIONAL modes of settlement vary in different policies. Those given here furnish three important reminders in your thinking about life insurance. *One:* Be sure you understand all your choices. *Two:* Always reserve the right to change your beneficiary or method of settlement. *Three:* From time to time review your insurance policies just as you do your will. For a different settlement from the one chosen originally may be desirable as your other assets grow or diminish.



She: In Glacier Park we'll see some of the world's most spectacular scenery—mountain grandeur that has made Glacier the goal of world travelers.

He: We have a choice of routes if we go by Burlington. We can speed from Chicago direct to the Park. Or go along the Black Hills and through the dude ranch country of the Big Horn Mountains.

She: Yes, and if we like, we can go by way of the Colorado Rockies, riding the famous Denver Zephyr from Chicago to Denver. And there's no extra rail fare even when we go one route and return another.

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**Burlington
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Send me your free illustrated booklets, rates and information about Glacier Vacations.

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City..... State.....

☐ Check here for special information about All-expense Escorted Tours

Add a Writing-Nook to Your Upstairs Hall

By Louise B. Price



The angle effect increases the light and sun the glass catches

HAVE you ever wished you had a wee writing-nook somewhere in the house—say in the upper hall? Someplace you might drop down when the mood and pen a note or plan a menu? Because your well-equipped writing-table is down in the living-room or study, the chances are the note never gets written and the bright luncheon thought is forgotten.

It's not hard at all to solve the problem—particularly if yours is one of those homes with a seemingly useless "jog" in the upstairs hall.

Have a carpenter (or lots of handy-men-husbands could do it) build in a simple little desk incorporating a shelf for books and odds-mens . . . a sliding writing surface beneath . . . and below that a roomy storage for writing materials, the family budget, and books.

IF THERE'S already a window in the "jog," so much the better. Have the shelf above the book compartment come flush with the lower window sill, making a single unit.

With a window over your desk by day, a sturdy floor lamp of the proper height for use at night, and a straight-backed chair of correct height for your writing surface, you will have no more reason to complain. The broad shelf atop the desk is a splendid place for blooms in season, a potted plant in winter, or forced branches in early spring. The pull-out writing surface is roomy enough for Junior's homework when there's company below. A roll-up blind regulates the light and completes your snug little writing-nook—an asset to any home.



Thrill-packed
vacations
at
LOW COST

Pacific Northwest

Snow fields and Alpine meadows to explore on Mt. Rainier and Mt. Baker, wilderness trails and ocean beaches on the Olympic Peninsula; sailings to Alaska; romantic waterfronts in Seattle-Tacoma, Grand Coulee Dam.

Ride the famous OLYMPIAN—it's a great vacation train—electrified for 656 mountain miles.

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JOSEPH H. DODSON CO.
600 Harrison Ave., Kankakee, Ill.

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That DOG BOOK is required reading for any dog's family. It's full of expert information on feeding, training and how to tell and treat dog ailments. A swell article by Albert Payson Terhune too! It's free at drug and pet stores — or with this coupon.

Sergeant's

DOG MEDICINES



Please send a free Sergeant's DOG BOOK to:

Name _____
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City _____ State _____

Rustic Chairs TO MAKE YOURSELF

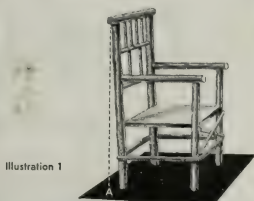


Illustration 1



Illustration 2

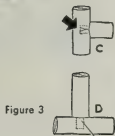


Figure 3

A FEW rustic chairs may come in mighty handy next summer when a boisterous motoring party swoops down upon your cottage quite unannounced. Besides, they're rather nice to have around anytime, and furniture built of material found near your cabin is usually most picturesque and harmonious.

You can make them from almost any but the hardest woods or those that split too easily, provided they ordinarily grow in trim, limbless, rather straight saplings. White or yellow birch is excellent; so is spruce. But basswood is too soft; as also are most cottonwoods and poplars. Balsam is passable. Beware of pines that ooze pitch freely. Use oak, hickory, and ash for main construction only if no other suitable wood is handy, for besides being heavy, they must be cut and seasoned before fashioning. These woods are best, however, for seat supports.

IT ISN'T difficult. About the only secret is allowing for the human backbone's tendency to incline slightly backward for comfortable sitting—by inclining the backposts three or four inches off the vertical. (See Illustration 1, dotted line "A").

Better than blueprints is to use some favorite chair as a model, getting your measurements from it, digressing from them as style and fancy dictate. Customary height of seat from floor is 18 inches. Backposts can be 2 inches or more in diameter at top, and three to four feet long depending on whether you want high or low back—45 inches is good average.

Front posts should be of material similar to backposts, about 27 inches long. Bore four 3/4-inch holes, about 18 inches up, for [Turn to page 135



reasure from the Spanish Main beyond the dreams of buccaneers

Blackbeard, Morgan and many another swashbuckling pirate tramped the shores of Trinidad Island in the heart of the Caribbean Sea. But they passed up, at their very feet, a treasure far more valuable than all the pirate gold in history! For Trinidad Island contains a natural lake of asphalt. Science today recognizes this asphalt as one of the toughest, most durable weatherproofers known to man.



For three million years (some scientists say five million), Trinidad Native Lake Asphalt has been exposed to the terrific heat of a semi-equatorial sun and the drenchings of countless tropical tempests. Yet it possesses such vitality and uniformity that it has never been duplicated commercially. Today Barber Genasco Roofings are the only roofings that contain this "asphalt that never grows old."



Barber now presents a complete line of "color-styled" asphalt shingles, executed by one of America's leading designers. You can select the exact color to set off your home in greatest beauty. And Barber Genasco Roofings are fire-safe, easy and inexpensive to apply. See your Barber dealer or applicator today. Remember that Barber Genasco are the only roofings to bring you The Vital Element.

BARBER Genasco ROOFINGS

SHINGLES • ROLL ROOFINGS
SIDINGS • BUILT-UP ROOFINGS
Barber Asphalt Corporation, Barber, N. J.



Floors dull and dingy, scarred and marred, begging for a new lease on life? Give them a foamy bath with this white magic that makes varnish vanish and makes old floors new. **DOUBLE X** is double-action: removes and bleaches in one operation! All you need is a can of Double X [75¢ at paint, hardware and lumber dealers]; a pail of boiling water; a brush or mop; and some steel wool. What's more, Double X can't explode; and it can't hurt your hands! Send 10¢ for 25¢ "Get-Acquainted Package" to Schalk Chemical Company, 350 East Second Street, Los Angeles.



*Sleep-luxury beyond price
...yet priced for every purse*

OSTERMOOR

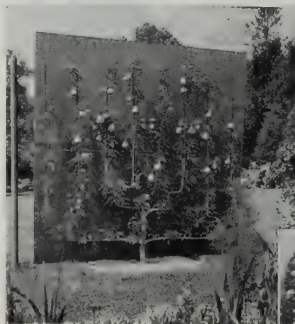
INNERSPRING MATTRESSES

Through four generations of American home-making, Ostermoor has been the ideal of enduring mattress quality. Flexible, cable coil innerspring unit, with special felt protection pad and thick, resilient body cushioning. In every way, the most modern mattress science and traditional Ostermoor craftsmanship can make. Values at popular prices. De luxe models, also, at \$29.50, \$39.50, \$42.50 and \$49.50; look for "Consumers' Yardstick" Tags on all these grades. Ostermoor & Company, Bridgeport, Conn., and Chicago, Ill.

AMERICA'S QUALITY MATTRESS FOR 87 YEARS

Design in Living, Luscious Fruit

By Frederic James Dennis



✦ A well-trained pear. Because there's no shading, you can grow flowers, vegetables, or lawn close to an espalier tree; you give up little space

There are many decorative shapes. Below is a six-armed tree, and below that, suggestions for others. You train them or buy them trained



SAM HOPKINS was one of these never-satisfied fellows. "We need more garden space," he'd complain. "All of us. We need room for a couple of apple trees, a plum, and a pear or two. A man can have a lot of fun with a little orchard."

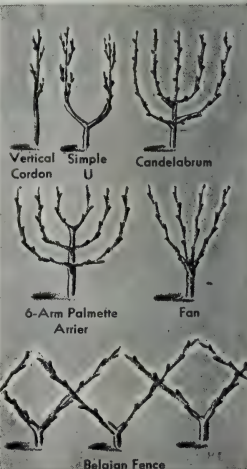
"Listen," somebody finally told him one day at the office, "unless you want to move out into the country, shut up. There isn't room for both a garden and fruit trees on a town lot our size."

That settled him until one day last spring. "Maybe you'd all like to come out to my place tomorrow," he said very casually, "to see my orchard."

Orchard! Three of us went out. Sam wasn't any fool. He had six trees—three apples, two pears, and a plum—all espaliers, dwarf trees pruned and trained to grow flat against a wall. The two peach trees were against the back of his house, the plum on the side, and the apples on the garden wall. They didn't take any of his regular garden space. And darned if they didn't look so decorative on the wall that all three of us from the office are growing espaliers in our own gardens now. That's the way it is with espaliers. The bug bites, and you're a goner.

Not Only for Rich For long years the French have trained these trees on walls to save space. But you have only to see one trained against a sunny house or garden wall to realize their highly decorative quality. No more useful ornament in America is more overlooked.

They're not alone for the rich man. Trees already trained cost no more than some fancy shrubs. Or you can buy trees and train them yourself. They ask no more pruning and spraying care than a climbing rose. Fascinating decorative patterns can be woven from the cleverly

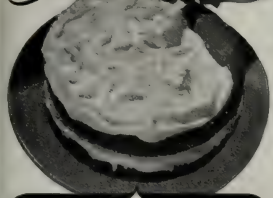


pruned and guided branches. And because of the pruning, the fruits turn out large, luscious, and always within easy reach.

Buy Only Dwarf Trees Every kind of fruit tree isn't adapted to espalier (es-pal'-yer) work, or dwarf-tree growing, as it's sometimes called. In buying, [Turn to page 134

TOP YOUR CAKES WITH

Extra Goodness



MARSHMALLOW ICING

Cook $\frac{1}{2}$ c. sugar, 1 tbsp. butter, and $\frac{1}{2}$ c. boiling water, as for boiled icing. Melt $\frac{1}{2}$ lb. Campfire Marshmallows in double boiler, add to cooked syrup, and beat until thick. Then beat in $\frac{1}{2}$ tsp. vanilla.

For "Extra Goodness" insist on Campfire, the original food Marshmallows, in the Economy Pound package containing four sealed Pack-ettes. They're always fresh and uniform in shape. Send for Marcia Camp's new recipe book. It's free.

ANGELUS-CAMPFIRE COMPANY
Clearing Station, Dept. B-1, CHICAGO, ILL.



Angelus Brand
also Available in
Economy Package



Lecture is 100% Enjoyment with

Warren's Porch Shades

Regardless of weather, you can make your porch the most delightful summer room of your home. WARREN'S PORCH SHADES in cool, restful colors, afford complete weather protection, beside cozy comfort and perfect privacy.

Reliable Quality, Long Service, Quick Installation, Attractive Colors, All Sizes, Low Cost. Write us for name of your nearest dealer.

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NOW!—An Amazing, New
Triple Screen "SIFT-CHINE"

One Operation Sifts Flour Three Times

"SIFT-CHINE," the sensational flour sifter that foremost cooking authorities use, and is highly recommended. One hand holds and operates—just squeeze the handle—sift as you sift. A boon to better baking. No more re-sifting of flour. No more lumpy cakes or biscuits. Approved by Good Housekeeping Institute and other testing bureaus. Super quality—built to last for years. Highly polished finish of green, red, yellow or blue. 5 cup size, TRIPLE screen, one operation sifts flour three times, \$1.25; 6 cup size, DOUBLE screen, one operation sifts flour twice, \$1.00; 6 cup size, SINGLE screen, 75¢. FUNIOR, 3 cup size, SINGLE screen only, 50¢. Guaranteed satisfactory. At dealers or postpaid. Stamp accepted. * * * MFG. CO.—NEED MFG. CO., 3046 Utah Street, Seattle, Wash.

Insist on a GENUINE
"SIFT-CHINE"
Flour Sifter

"Just squeeze the handle"

RECIPES FOR
So Good
Meals

[The Meals Appear on Page 39]

Baked Crab Meat and Shrimp

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|--|---------------------------------|
| 1 medium-sized green pepper, chopped | $\frac{1}{2}$ teaspoon salt |
| 1 medium-sized onion, chopped | $\frac{1}{8}$ teaspoon pepper |
| 1 cup chopped celery | 1 teaspoon Worcestershire sauce |
| 1 $\frac{1}{2}$ -ounce can crab meat, flaked | 1 cup mayonnaise |
| 1 $\frac{5}{8}$ -ounce can shrimp, cleaned | 1 cup buttered crumbs |

Combine ingredients, except crumbs; place in individual sea shells. Sprinkle with buttered crumbs and bake in moderate oven (350°) 30 minutes. Serves 8.

Coconut Cake With Broiled
Frosting

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|-----------------------------|----------------------------|
| 2 beaten eggs | 1 teaspoon baking powder |
| 1 cup sugar | 1 cup milk, scalded |
| 1 cup cake flour | 1 tablespoon melted butter |
| $\frac{1}{4}$ teaspoon salt | |

Beat eggs and sugar; add flour, sifted with salt and baking powder, alternately with milk and butter. Bake in greased, 8-inch square pan in moderate oven (350°) 45 minutes. Cool. Spread with *Broiled Frosting*: Combine 6 tablespoons melted butter, $\frac{1}{2}$ cup brown sugar, $\frac{1}{4}$ cup cream, $\frac{1}{2}$ teaspoon vanilla extract; add 1 cup moist, grated coconut and spread over baked cake. Broil until brown and bubbly.

Tuna Croquettes

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---------------------|------------------------------|
| 3 tablespoons fat | 2 6-ounce cans grated tuna |
| 3 tablespoons flour | 1 large package potato chips |
| 1 cup milk | 2 beaten eggs |
| Salt and pepper | $\frac{1}{4}$ cup milk |

Make white sauce of fat, flour, 1 cup milk, and seasonings. Add drained tuna. Cool, and form in cone-shaped croquettes. Roll potato chips to crumbs. Dip croquettes into crumbs, then into egg mixed with $\frac{1}{4}$ cup milk, then into crumbs. Fry in deep fat (360°) until brown. Pass hot mushroom soup as sauce. Makes 6 to 8 croquettes.

Fruity Dressing

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|-------------------------|--------------------|
| Juice of 1 orange | 1 teaspoon salt |
| Juice of 1 lemon | 1 teaspoon paprika |
| 1 cup salad oil | 1 teaspoon vinegar |
| 1 tablespoon vinegar | grated onion |
| $\frac{1}{2}$ cup sugar | |

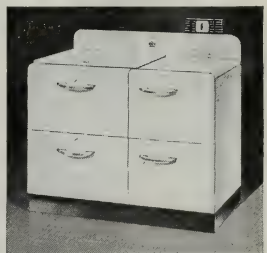
[Turn to page 112]



YOU don't have to be rich to own a Florence Range! Whether you use oil, gas, or electricity, you can now enjoy new beauty, and better cooking with less work. There are many reasons—the ultra-modern design and lustrous white porcelainized panels; the big ovens, porcelainized for easy cleaning, thickly insulated, equipped for balanced baking. Note the powerful burners, too—scientifically designed for best results with the fuel you use. And other saving features . . . all backed by over 65 years' experience.

A reliable Florence Dealer will show you wickless Oil Ranges with powerful Focused Heat burners; Gas Ranges for manufactured, natural, or bottled gas; Electric Ranges with new six-heat Chromalox Super-Speed units and Seth Thomas automatic self-calculating timer. Let the Florence Dealer help you choose—and save. Or, mail coupon today for free booklets that show all the different new models.

② Gas Ranges (shown above)—22 Certified Performance features; high-low simmer top burners; big insulated oven, Robertshaw control; smokeless broiler. Eleven other models for manufactured, natural, or bottled gas.



Oil Ranges—16 models—20 important features, including wickless Focused Heat burners and big insulated oven with Fingertip Heat Control and dependable thermometer, for balanced baking.



FLORENCE STOVE CO., Gardner, Mass., Dept. B-4
Please send free booklet. I am interested in
☐ Oil Ranges ☐ Gas Ranges ☐ Electric Ranges

Name: _____

Address: _____

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Now - a low-priced *Station Wagon* as smart and comfortable as a sedan

IN THE STATION WAGON by Pontiac there's the same air of luxury and quality as in a fine sedan. Its smart body is done in two contrasting woods. Seats are wide. And it carries 8 in relaxed comfort—thanks to Pontiac's "Triple-Cushioned" Ride. Gives you thrilling roadability, plus Pontiac's

almost uncanny economy. And best of all—costs only a few dollars more than the lowest-priced Station Wagons you could buy!

\$1015 delivered at Pontiac, Mich. Transportation based on rail rates, state and local taxes (if any), optional equipment, white sidewall tires, accessories—extra. Prices subject to change without notice.



A GENERAL MOTORS VALUE

Pontiac

AMERICA'S FINEST LOW-PRICED CAR

LET YOUR STATION WAGON
ALSO BE A CREDIT TO YOUR
JUDGMENT.

MEDUSA Waterproofing



HOW to prevent DAMP BASEMENTS

Damp basements are so unnecessary. Basement walls and floors that are always dry make a useful, liveable basement. Concrete, mortar or plaster coats made with Medusa Waterproofed Portland Cement repel all water at the surface and assure dry basement walls and floors. If you are building a new home, insist that your builder use Medusa Waterproofed Portland Cement in all concrete and in mortar for laying up masonry units. Dampness in your present basement can be overcome by using Medusa Waterproofed Portland Cement as a plaster coat on the walls and as a floor topping. Coupon brings booklet "How To Make Your Basement Beautiful and Dry" with details.

MEDUSA PORTLAND CEMENT COMPANY

Medusa Waterproofing also made in Canada by Medusa Products Co. of Canada, Ltd., Paris, Ont., Can.



Damp, dirty basements can be made into beautiful, liveable rooms with the help of Medusa Waterproofing.

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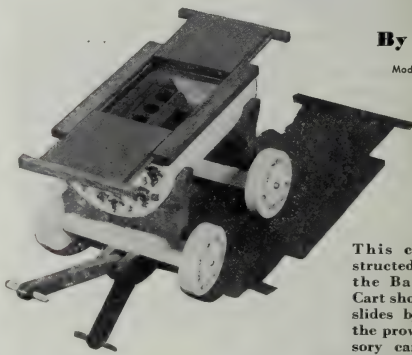
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Easy to Make —for your home and garden

With the plans before you, you can fashion two pert items that'll not only be useful around the place but something "different" as well. You don't need a workshop, nor technical knowledge—just simple tools and the ability to read

By Hi Sibley

Models by Lowell R. Browne



This cleverly constructed miniature of the Barrel Beverage Cart shows how the top slides back to divulge the provision for accessory cartage and the "racks" for beverage and condiment bottles, glasses, and the like

Barrel Beverage Cart This novel vehicle is reminiscent of an oldtime sprinkling wagon with the top sliced off. But in the house it will be found more useful. Two lids slide out the ends to reveal a capacious hold filled with glasses and bottles. One needn't be a carpenter emeritus to build a passable copy.

Wheels and cradles upon which the body rests are cut from 2-inch planking from 8 to 9 inches wide, and axles from two-by-fours. All this, of course, is surfaced material. Ends of the axles are cut round to receive the wheels, which are held in place by dowels.

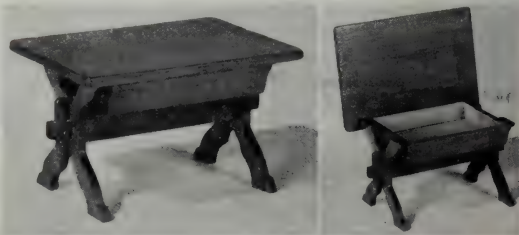
In building the body, cut the semicircular ends first. These, in fact, are more than a semicircle, being about one inch higher than the center. The two top staves are rabbeted (slotted) for the corresponding tongue of the sliding lid, and are installed last. The first stave to go on is the bottom one, then work toward the top on one side, then the other, a stave at a time. Now make the sliding lids and screw on the top and bottom cleats, set

in the grooves and screw on the top staves. A brass or iron band adds an ornamental touch.

Arrange the interior compartment to meet your individual needs as a lunch wagon, to haul hot dishes from the kitchen, or for any other purpose. Before installing the axles permanently, dip the round ends in hot paraffin and it will be a long time before a squeak will develop.

Several finishes will suggest themselves; a weathered effect will be attractive; or a white body with red wheels, and here and there a spot of color in the form of leaves and flowers.

Dutch-Tavern Table The simple construction of this interesting piece will appeal to the home craftsman who aims to sidestep any intricate cabinet work. The legs must be scroll- or band-sawed; and usually one of these handy machines can be found in the neighborhood, or often is accessible during night classes at the local high- [Turn to page 123]



Equally ingenious in construction, this model shows how the top of the Dutch-Tavern Table

lifts up. It looks sturdy, is sturdy—and how handy it will be for any of those informal parties!

Better Change Quick



Friendly Warning: Don't drive another mile with winter-worn motor oil! Change now to clean, tough, heat-resisting Mobiloil! Stop, too, for a tankful of Mobilgas!

WHY MOBIL OIL GIVES BALANCED PROTECTION:

1. Retards wear. Flows fast when you start; resists heat, pressure; clings to surfaces.
2. Resists gumming. Distilled, refined, dewaxed, filtered—purged of clogging impurities.
3. Reduces wasteful "oil drag." Helps you save on gasoline.
4. Resists carbon formation by removal of unstable elements.

TROUBLE'S HOT on your heels! Better change quick! Your winter oil may be dirty, gritty... dangerously thin... diluted by choking.

Fill up with clean, tough Mobiloil!

Remember—modern engines need a fast-flowing oil that reaches every vital spot and *stays put*...even when engine heat climbs to 400° F.

If you want your engine protected against gum, sludge, wear, heat... don't wait! Change to Mobiloil for complete "Balanced Protection"!

SOCONY-VACUUM OIL COMPANY, INC.
AND AFFILIATES: Magnolia Petroleum Company—General Petroleum Corp. of Calif.



The Charm and Dignity of OLD WILLIAMSBURG Captured for a Bedroom in your own home



The Authentic Walls and Ceilings are Celotex
Insulating Interior Finishes—Their Cost \$5750*

DIGNIFIED comfort and simple charm set the decoration keynote in the homes of Old Williamsburg. Colorful warmth and solidity were artfully combined to make rooms invitingly homey. So, when *House Beautiful Magazine* designed this room, this unmistakable colonial touch was carefully preserved.

This delightful bedroom is authentic, but not expensive. The furnishings and accessories are modern reproductions that are within reach of modest budgets. The walls and ceilings are Celotex Insulating Interior Finishes—versatile, modern materials

that build, insulate and decorate *all at one low cost.*

Celotex Insulating Interior Finishes will help you have a cozy bedroom like this for your very own. And when it's all finished, you can be sure of snug, cozy warmth with fuel savings in winter—freedom from excessive heat in summer. These extra advantages are actually *guaranteed in writing for the life of the building.*†

Celotex Insulating Interior Finishes can be applied right over existing wall and ceiling finishes, to bring new beauty and comfort to old rooms. Or these triple-duty materials can be used to create new rooms in waste attic space—thus helping to keep the whole house warmer in winter, cooler in summer in the bargain. Or they can be used to

make smart, attractive, basement "Rumpus Rooms."

Any decorative effect you wish, can be achieved with Celotex Interior Finishes. They come in a variety of colors and textures. And they can be applied at a cost so low, that you'll be thrilled and pleased.

If you are particularly interested in the Williamsburg Bedroom shown below and as designed by

House Beautiful Magazine, we'll gladly give you the "recipe." It will be sent to you Free—complete with a list of the sources of all materials and furnishings. We'll also send you an interesting book which includes interior decorating suggestions. Simply mail the coupon below!

*Cost of Celotex Interior Finishes used in room shown, plus 12 1/2%. Labor, of course, is extra and will vary with job conditions and local labor costs.

"HOUSE
BEAUTIFUL"
MAGAZINE
Planned this Lovely
Room in a Setting of
CELOTEX
Interior Finishes



CELOTEX
REG. U. S. PAT. OFF.
INTERIOR FINISHES

Guaranteed in Writing for the Life of the Building
†This guarantee, when issued, applies only within Continental United States.

THE CELOTEX CORPORATION, 919 N. Michigan Ave., Chicago, Ill.

Please send me FREE the "Recipe" for the Williamsburg Bedroom designed by *House Beautiful Magazine*. And your book on Celotex Insulating Interior Finishes.

I am interested in ☐ Remodeling ☐ New Homes BHG 4-40

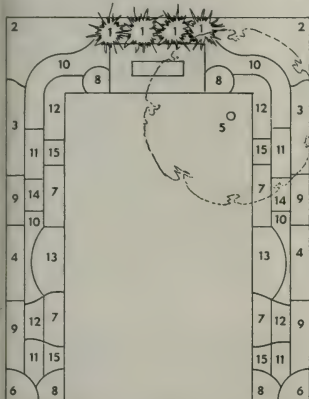
Name.....

Address.....

City.....County.....State.....

Beginner's Fool-proof Hardy Garden

A complete back-yard plan for you—
simple, inexpensive, easy to take care of



Planting Key

- 1 Redcedar
- 2 Honeysuckle
- 3 French Lilacs
- 4 *Rosa hugonis*
- 5 Flowering Crab
- 6 Forsythia
- 7 Iris
- 8 Peonies
- 9 Delphinium
- 10 Phlox
- 11 Michaelmas-daisies
- 12 Korean Chrysanthemums
- 13 Petunias
- 14 Gladiolus
- 15 Zinnias

By Frances C. Steinhoff

IS YOUR knowledge of garden-lore embarrassingly limited? Do you like to putter in the garden, yet shy from devoting every spare hour with hoe, trowel, or pruning knife in hand? Would you like to have a garden, yet feel that your pocket-book won't stand up under the strain of realizing your desire?

If one or all of these points beset your garden-planning progress, here is the back-yard garden for you, already planned, inexpensive, easy to make. To achieve this fool-proof garden, we've selected rugged plants requiring a minimum of care and rarely needing replacement.

Watch the plan above as we go. It's complete, planned to provide a succession of bloom from early spring to frost.

Layout Is Simple

Every well-planned garden must have a focal point, a point of interest, about which the garden plan is developed. Here that focal point is a seat at the rear. The entire central area of the yard is left open for lawn—space for children to play in, for games, for picnicking, for sitting—just space for outdoor living.

But back to the seat. It has a background of redcedars (1) and is set off at the corners with masses of honeysuckle (2). Peonies (8) in the foreground act as low accents at the corners of the flagstone paving about the seat. The massing of forsythia (6) in the corners at the opposite end of the garden and the *Rosa hugonis* (4) and French Lilacs (3) at strategic points along the rear of the borders provide a feeling of strength often lacking in peren-

nial borders. This feeling is further emphasized in the use of iris groupings (7) that provide four blocks of color along the front of the border.

There'll be room for one tree (5). I suggest Bechtel's Double-flowering Crab with its rose flowers, or, if a larger tree is desirable, the beautiful Japanese Cherry, with its wealth of lovely rose-pink flowers.

To obtain a succession of bloom, we've used other plants as shown in the planting key. Star-like forsythia paves the way for the glory of the Flowering Crab, followed by fragrant lilacs and honeysuckle and the ever-popular *Rosa hugonis* in its pale yellow dress. Then come marching in quick succession the iris, peonies, and delphiniums (9). Quantities of petunias (13) and zinnias (15) insure summer bloom. Gladiolus (14) are included for their display and their value as cutflowers. As summer grows old, generous blocks of phlox (10) provide brilliant color for longer than a month. Michaelmas-daisies (11) and Korean Chrysanthemums (12) then jump into the breach to complete a lengthy season filled with quality bloom.

Suggested Color Schemes

Red: Many of us like to feature a predominant color in planning our gardens. Those of you particularly fond of a dominant red note might like to work out the following color scheme:

- Lavender and red-purple iris.
- Pale pink and crimson peonies.
- Crimson and white phlox.
- Pink and white Michaelmas-daisies.

[Turn to page 134]

Yes, darling, it's a
genuine Winter
MUSETTE



The Musette, America's most talked about and copied piano is available in 12 charming and authentic Period Models richly cased in beautifully figured and finished veneers. Shown above is the Federal Musette, available in genuine Mahogany or Fancy Butt Walnut. Musettes are priced FOB New York from \$295 and may be purchased on Deferred Payment Plan.

YOU can be proud to own a Winter MUSETTE. Here is an instrument that belongs to this present day and age. It offers decorative and musical advantages unheard of but a few short years ago. Its smart and charming lines... the pure beauty of its tone... its responsive action... all combine to make this piano unique. And there's authority in MUSETTE's position of leadership. It was MUSETTE, introduced nearly five years ago, which launched the great re-styling movement which has swept the modern console into nation-wide popularity. Today no name in the industry says quality and value with greater conviction than Winter & Company. There's such a thing as progress you know — and the MUSETTE typifies advances in the art of piano styling and craftsmanship which have already made Winter & Company America's largest piano manufacturer.

WINTER & COMPANY

ESTABLISHED 1899

America's Largest Piano Manufacturer

NEW YORK CITY

Look for this oval seal. It identifies the genuine Musette.

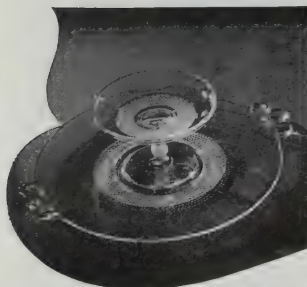
WINTER & COMPANY Dept. B-40
863 East 141st St., New York City
Send me your new CATALOG-AND-STYLE-GUIDE
with full page photographs of each of the Period
Model MUSETTES in appropriate room settings.
Name
Street
City State

Musette
MADE IN U.S.A.

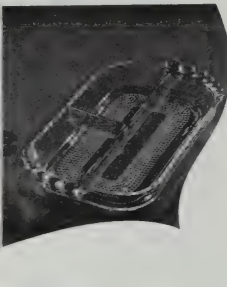
DUNCAN



Diamond Anniversary Specials



11 in. plate and cheese stand—both for
\$1.45 regular \$2.00



12 in. colory and relish
95¢ regular \$1.25

Prices slightly higher in the West.
March 15 to May 15 only

This company . . . whose glassware is in museums and antique collections . . . celebrates its 75 years of the loveliest glassware in America by these specials in one of the most complete crystal patterns in America . . . Duncan's Tear-drop.

Open stock. Start with these specials and build your entire glass service around Tear-drop. Your department store, jeweler or gift shop has these anniversary specials or can get them for you at this price.

75 Years of the Loveliest Glassware in America

The Duncan & Miller Glass Co.,
on the Old National Turnpike at Washington in Pennsylvania

Please send me your folder on Tear-drop, free.

Your Name

Address

B11-440



Sofas, love seats, even chairs that become innerspring mattresses. Made in correct period styles for fine rooms.

The comfort lasts—you don't sleep on the upholstery or cushions or sit on the mattress.

Opens in one easy motion with bedding already in place.

"MYSTERY:"

- where's the bed?
- where's the innerspring mattress?

THIS IS NO STUDIO COUCH!
Of course not! It's a Pullman Sleeper—absolutely unlike studio couches or old fashioned dayport beds. It's a smart period sofa—by makers of finest living room furniture, exactly right in seating proportions, comfortable in every way.

YOUR guests need never know there's a bed inside. They can't see it—they can't feel it—they'll never suspect it. Yet what a bed it has! Equipped with a 6" deep, sanitary, removable innerspring mattress. Full size, correct bed

height (so there's no feeling of sleeping on the floor) and restful!

See it in your furniture or department store. See how perfectly two comfortable pieces of furniture have been combined in one! **WRITE FOR descriptive folder No. 44.**

Removable Sanitary Innerspring mattress for real sleeping comfort.



Make sure of comfort—makeshifts won't do!

PULLMAN
MAKERS OF FINEST
LIVING ROOM FURNITURE



Sleeper

PULLMAN COUCH CO., 3759 S. Ashland Ave., CHICAGO • No. 1 Park Ave., NEW YORK

If You've an Old House . . . [Begins on page 87]

from the living rooms by a new hall that also admitted one to the bathroom without going thru a bedroom to get there.

Looking to the future, they added a dormer in front and a wide, four-window dormer across the back, which makes possible a couple of bedrooms in what used to be wasted, heat-wasting attic space.

THEY laid new hardwood floors thru the house, painted the varnished woodwork ivory, papered the interior, and painted the exterior. To replace the old kitchen cabinet they bought a battery of new steel cabinets, both upper and lower, complete with cutlery dividers, bread compartment, broom closet, and linoleum-topped counters. The work was done by Bollinger & Sons.

Maybe you own one of these five-room bungalows like theirs. Have they given you any ideas?

Cut away old porches and overhanging eaves that darken interiors and usually you have good design.

On Way to Ash Can

OR MAYBE you can do something to your old house with only paint and a few changes, as Architect Herbert F. Smenner did to this old Victorian place in Muncie, Indiana. A blighted but sturdy old place more than 80 years old, with an ornate porch added in the eighties, it shows what an improvement can be made without spending much. The place is now a two-apartment house producing a tidy dividend.

Smenner pulled down the old veranda and nicely re-used some of the scrollwork on the new stoop to tie the new exterior in with the rest of the neighborhood. He added a few other touches, such as the shutters, to give the old place more character, and built a terrace up around the house to give the whole place a trim appearance. This whole exterior job cost little. But the evidence of what it did is plain.



Before There are thousands of old houses like this Muncie, Indiana, one—forgone and seemingly decayed, yet structurally sound. They await a chance to return a neat dollars-and-cents dividend



Neiswanger Studios

After With just a few exterior alterations—changing the porch to a stoop and adding shutters and new paint—the blighted old place becomes respectable and financially profitable if not up-to-date

STEAM-O-MATIC



The New SELECTROL Model ... the Only All-Purpose Iron!

• Truly two irons in one! Gives you all the advantages of the finest automatic electric iron plus the exclusive features of a tailor's steam iron adapted to home use! The new Steam-O-Matic Selectrol model revolutionizes ironing. Now you can iron every fabric without fear of scorching or burning. You iron faster, more safely, more economically than ever before! See this great new iron today!

- No Sprinkling! Can't Scorch or Burn Rayon, Celanese, Acetate or Other Fabrics!
- Presses Finest Woolens without Press Cloth! No Shine Marks!
- Has the Most Accurate Heat Control Ever Built into an Electric Iron!
- When Used Dry Imparts Smooth, Glossy Finish to All Linens!
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- Designed by Brooks Stevens

TWO OTHER MODELS!

Semi-Automatic and Non-Automatic Models at Lower Prices

Write for FREE Booklet on the Wonders of Steam Ironing

STEAM-O-MATIC CORP.
MILWAUKEE WISCONSIN

Mexico by Mail

10c

Here's a five-foot shelf of Mexican travel tips streamlined down to 20 handy pages. It's called "Magic Mexico." In it you'll find terse descriptions of the most interesting places to visit, pointers on how to adapt yourself to Mexican customs, a guide for the motorist using the Pan-American Highway, lists of agencies conducting Mexican tours, a guide to pronouncing most common Mexican words, a list of books on Mexico, and general Mexican travel hints. Price, 10 cents. Order today!

Address all orders to

Travel Bureau

Better Homes & Gardens

5904 Meredith Bldg. Des Moines, Iowa

Look Before You Use!

[Begins on page 66]

definite recommendation is made in the instruction book, only 60 percent seem to read and follow it. Too many go by guess and by gosh. Some owners had softer tires in front than in the rear, tho the manufacturer recommends even pressure all around. Other owners had harder tires in front, while still others were carrying incorrect pressures because they were just doing as they had done with cars previously owned which had tires of a different size and type.

THOSE instruction books from Detroit make a good rallying point for our crusade against the man-handling of merchandise because the abuses heaped on automobiles are so similar to abuses piled on toasters, electric fans, home typewriters, electric-shavers, vacuum-cleaners, and other mechanical aids to happier living.

In the first place, manufacturers say we too often throw away their directions without giving them any attention at all. Another large gang of us simply glance at directions so hastily that we don't know what we're reading.

ANOTHER thing is that too often we assume that because we ran a certain 1937 car, refrigerator, or camera pretty successfully we don't need to read the instructions that come with the 1940 model. Wrong again! Here's Peter Blight. He's just turned in his 1937 Supreme Six for a 1940 model and is raring to go. He drives off without even glancing at the instruction book. After 10,000 miles things aren't quite as they should be, so finally he opens that little book he should have read a year earlier. He discovers he's entirely neglected certain new gadgets that weren't on his last car. He's skimped lubrication of the rear end, which needs oiling twice as often as the old. No attention at all has been given important new devices on the engine. That neglect is going to cost half a year's life to his car.

YOU can even have a better time with your lawn-mower if you'll save and follow directions. A handyman in a little Pennsylvania town makes a good living by picking up household appliances discarded by people who have abused them thru failure to read directions. With skill and a few cents worth of repair parts, he rebuilds toasters, electric fans, vacuum-cleaners, and lawn-mowers and sells them in his second-hand store. "Many a lawn-mower comes to me," he said, "because the owner won't oil it and throws away the directions that tell him how to adjust it from time to time."

Improvements in design and formulas have come so rapidly in many kinds of merchandise that it's sheer folly not to read the instructions given with everything you buy. Two different brands of soap flakes may look alike, but should be used differently. Druggists tell me, "Most of our complaints about safety razors come from using them at an incorrect angle because [Turn to next page

TODAY'S Clean-Up CAMPAIGN



Making the days easier—and happier for mother... that's the life work of a Ruud Automatic Gas Water Heater. Grimy youngsters quickly become snowy white—stacks of dishes vanish in a jiffy when CLEAN hot water is always on tap.

Clean hot water is exactly what you get from a Ruud Gas Water Heater. Its tank is solid, rust proof Monel. Absolutely no chance for a coating of rust to form inside that tank and "dirty up" your water. In fact, the Monel tank carries a 20-year guarantee against leaks or failure due to rust or corrosion.

Don't delay. Ask your gas company,



...IT'S EASIER
FOR MOTHER WITH A
Ruud Gas
WATER HEATER WITH A
Monel
TANK

plumber, or dealer in bottled or tank gas about how easy it is to start Monel-protected Ruud Hot Water flowing in your home. Remember—Ruud Water Heaters burn gas—the modern money-saving fuel.

Write for free booklet, "Go Gas for Hot Water."

THE INTERNATIONAL NICKEL COMPANY, INC.

73 Wall Street, New York, N. Y.

SEAT WEAVING

Easy... Interesting... Profitable
Get a favorite old chair around the house? Want to make extra income easy? Learn interesting, useful art of Seat Weaving. We furnish instructions and all materials—cane, reed, rush, straw, etc. New life and beauty for chairs, stools, etc.
SEAT WEAVING INSTRUCTIONS—Complete. Clear. Send for interesting booklet and price list—10c.
M. H. PERKINS COMPANY
274 Shelton Ave., New Haven, Conn.

BURNS ALL GARBAGE AND WASTE WITHOUT FUEL
The New Majestic No. 30 Incinerator costs nothing to operate, yet consumes all wet and dry garbage and trash—without any odor—right in your basement. Clean, sanitary, foolproof, economical. Write today for details.
The Majestic Company
742 ERIE ST. BENTON, INDIANA
MAJESTIC No. 30 INCINERATOR



Surround Your Home
with a "Friendly Fence"
of SNOW-WHITE PICKETS

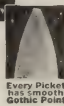
No other fence reflects so much of friendliness... and so perfectly frames the setting of modest home or impressive mansion. Admired by all, yet easily erected at low cost.

WHITE STAGLE PICKET FENCE

Protects lawns, shrubs and flowers. Keeps out roving dogs and poultry. Keeps children safe from swift-moving traffic and unwelcome intruders.

FREE FOLDER Styles with Gates to Match

All have snow-white pickets with Gothic Points. Smoothly finished—carefully selected. Thoroughly seasoned. Woven with double strands of heavy galvanized rust-resisting wire. Comes in rolls. Quickly and easily erected. Write for Free Folder today.
ROWE MFG CO., 377 Liberty Street, Galesburg, Illinois, U. S. A.



Every Picket has smooth Gothic Point

Leading decorators help you select the right piano

WURLITZER PIANOS
finished in
KORDEVON
have added decorative triumphs
to brilliant musical achievements.



The warm, colorful beauty of Kordevon, in a variety of lovely shades, blends delightfully with any type of furniture, with any decorative colors. Here, too, are brilliant acoustical improvements by Wurlitzer—the Augmented Sounding Board, Controlled Tone Louven, Acoustic Tone Chamber, and others.

SIX LARGE NATURAL-COLOR PHOTOGRAPHS SENT ON REQUEST

These lovely rooms, designed by leading interior decorating authorities, will help you choose the piano best suited to your own furnishings and color scheme.

THE RUDOLPH WURLITZER COMPANY
De Kalb, Illinois

You may send me, free of charge and without obligation, the Wurlitzer Piano brochure and six natural color reproductions of Wurlitzer Pianos in rooms by well-known interior decorators.

Name.....

Address.....

City.....State.....

TODAY MORE "WURLITZER" PIANOS ARE SOLD THAN THOSE OF ANY OTHER NAME

WURLITZER

Look Before You Use!

[Continued from preceding page]

the buyers didn't read directions but went ahead using them in the same way they used another make of shaver." Which suggests a general pointer which is helpful with other articles—your coffee-making equipment being one of them.

A FAMOUS store in New York has a special Coffee Clinic where coffee-making devices of 119 varieties and sizes are on sale, and if this merchant wanted to he could add 2,000 more of them. All day long the clinic gives customers expert advice on brewing the best possible coffee, but the head clinician says rather hopelessly: "Even real coffee-lovers won't always follow the simplest rules. Measures for water and coffee are frequently inaccurate. Water which has stood stagnant all night in the pipes is run into the pot instead of waiting until it runs fresh. Too big a pot may be used for too small an amount of coffee, resulting in a pale and infuriatingly weak brew. Often the wrong grind of coffee is bought for the type of coffee-maker it's used in."

Another man in the food business tells me, "One year we advised mixing a quarter of a teaspoon of salt with every four cups of cocoa. But so many used a quarter tablespoonful that it seemed as tho half the United States was trying to make our cocoa into clam broth! Today we advise a 'pinch' of salt, but sometimes I wonder if some users don't read the word as 'bunch'!"

So, somewhere in every home, conspicuously placed, there should be a new wall motto: "Look Before You Use!" Children should be brought up on it and parents should set a good example by following it every day! And here's the six-point program:

One: Read all directions supplied with everything you buy very deliberately and thoughtfully, picturing yourself using the article that way to help you remember.

Two: If no directions accompany an article that's new to you, ask the seller to tell you how to use it. Remember, and write down those directions when you get home.

Three: Gather together all tags, booklets, and other instructions and keep them in one place—a special desk or kitchen drawer—so you can always find them when they're wanted.

Four: Play the good Samaritan to yourself and follow all directions implicitly. Don't make up rules of your own or experiment with hunches.

Five: From time to time reread this helpful commercial literature, examining with particular care the advice given with more important household appliances. If you're anything like me you'll be astonished to discover how much you can forget in a few weeks' time!

Six: Since there are so many different kinds of things to consider and remember, you might adopt the program used by a family I know. The members have made a fine art of following directions without turn-

PUPPYBUNK
DELUXE DOG BED
by HENDRYX
SINCE 1869

Give your Dog a bed as restful as your own. Save your furniture... PUPPYBUNK, designed by experts, provides comfort, health and cleanliness in a bed as smart as it is practical. PUPPYBUNK features real spring suspension—refillable cedar or overruined cushion-removable, draft-free side-slip—rubber feet and sun-resistant chrome frame. Every inch is easily cleanable. See PUPPYBUNK at your Pet, Sports, Hardware or Department store.

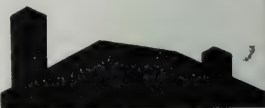
If not available from your Dealer, write direct for folder, "Now I Lay Me Down To Sleep."
THE ANDREW B. HENDRYX CO., 66 Audubon St., New Haven, Conn.

SPARROW TRAPS



Reduce the number of Sparrows this positive way and give the insect eating native birds a chance to meet about your home.

Get an Improved Everset Trap—it is simple in construction, automatic in action, rust proof, will last many years, and catch 10 to 25 and more per day. The trap is guaranteed satisfactory or money will be refunded upon return of trap in good condition. For the sum of \$4.75 we will send trap to you by Parcel Post. For further information write Everset Trap Co., 319 W. 1st St., Davenport, Iowa



How's YOUR Skyline?

Is YOUR chimney, by any chance, something of a colorless blot on the landscape? Are the foundations and masonry walls of YOUR HOME poorly dressed?

MURAL-TONE MASONRY PAINT

is the perfect treatment for exterior masonry surfaces. A needed protection against the elements, weather resisting and non-fading. A decorative medium that puts the finishing touch of color to your masonry. Simple to prepare, easy to apply and one coat is generally sufficient. When you have the chimney and the foundation walls of your home painted it is like putting on a brand new hat and a smart pair of shoes. Your home will share your pride in its appearance. Ask your painter or your paint dealer about Mural-Tone Masonry Paint, or send the coupon today for literature and a color chart.



THE MURALO COMPANY, INC. Founded 1894
STATEN ISLAND, N. Y.

THE MURALO Co., INC.
Box B-11, Staten Island, N. Y.

Gentlemen:

Please send me literature and color chart of MURAL-TONE Masonry Paint.

Name.....

Address.....City.....

ing it into an impossible chore. Here's the way the program works: The young son, having a mechanical bend of mind, studies all the directions accompanying mechanical devices. He sees to it that they're cleaned, oiled, and otherwise attended to in the proper way and at the proper intervals.

THE daughter, who's a high-school senior and much interested in home economics, specializes in textiles. She saves and reads all instructions given with clothing, blankets, linen, hosiery, and other cloth articles and makes sure they're washed and otherwise cared for as they ought to be.

The mother's special department is food, and by following orders she not only saves spoilage and improves her cooking but is constantly introducing new dishes which come from reading recipe inclosures in packages which she used to throw away.

The man of the house has chosen directions on the bags, bottles, packages, cans, tubes, and other containers that go into the medicine cabinets and on the shelves in the garage reserved for garden tools and supplies. He's saving money by seeing that the others don't use an inch of toothpaste when the tube says half an inch is enough!

And he's having far better luck with his garden since he learned that various plant foods should be used differently and that it pays to plant seeds at just the depths the envelopes advise.

IN READING directions about any new appliance or product you buy, look carefully for *differences* in its use and care over those recommended with its predecessor. Not all mechanical refrigerators, electric-mixers, or ranges work alike, so "Look Before You Use!"

And remember maintenance. Electrical-appliance dealers say: "Some women think vacuum-cleaners need no more attention than a broom. They neglect the dustbag and the oiling directions and then kick when they don't get satisfactory results."

When we behave ourselves better, manufacturers will do even more than now to help us get the most for our money. After trying idealistic experiments, some of them are pretty discouraged about us.

THERE was the shoe manufacturer who tagged every pair of his shoes with eight tips to make them last longer. After trial for a year he quit because people just tossed away the tags without reading them. And a clothing manufacturer stopped attaching a helpful booklet to his coats for the same reason.

A candy manufacturer tells me: "So many people say they'd like to be able to distinguish chocolates with hard centers from those with soft ones that we tried putting the hards in brown paper cups and the softs in white cups. On the box top we printed a note of this. But most people don't read it and are quite surprised when it's brought to their attention."

When little Jimmy spills ink on his new suit, an age-old cleaning problem comes up again. The proprietor of a stationery store says that

Something about Springtime roads, Mother, and hawthorne lanes and something of O-Cedar and of magnolia blooms

It's springtime, Mom, and things to do are angled in your thoughts: *housecleaning* and open doors and soft breezes and children playing and birds singing and hawthorne lanes and the winter look of furniture and vague and wistful wishing to pack the children in the car again (with lunch) and ride the whistling winds on ribbon roads to *anywhere* to zoom up hills and drop pell-mell to winding valley roads and sudden wooden bridges painted red (they ought to O-Cedar those!) that straddle brawling brooks and hump their backs to let your thundering car across and *sometime* home again O-Cedar will help, Mom, will give a silken soft and lustrous look to furniture, floors, woodwork; does it as *you clean them*, to *speed* your housecleaning, to *save you hours of time* and when you tire of roads that run and race, you'll maybe take the lane that's bordered thick with hawthorne (or with magnolia blooms) (dependin' some on where you live), the lane that *never* hurries *anywhere* but always saunters slowly home where dogs and children, flowers and Dad and sundials somehow pattern life a little sweeter, somehow make life *better*.



Chase the winter look of furniture!
O-Cedar it! Mother.
Polish it as you clean it.

Do both at once.
Make your furniture lovely.

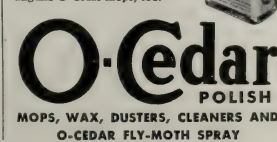
It is so easy to use O-Cedar Polish. Dampen a clean cotton cloth with water and wring the water out. Now . . . pour on a teaspoonful of O-Cedar polish . . . and smile.

Apply that to your dull and listless furniture just like you'd wash it, and soon, the ugly winter look is gone and the lovely wood smiles back at you. Now wipe it dry and you are through. No sticky residue; just a soft and silken lovely lustre to make you call to Dad to come and see the work you've done.

No need to wash your furniture, floors or woodwork before you polish them. You just O-CEDAR them and save your time and strength.

When you dust . . . use a cloth you have treated, sprinkled, with O-Cedar. Then, your cloth picks up the dust *instead* of moving it around. It is the modern way to dust.

O-Cedar it, Mother
Ask your neighborhood store for O-Cedar. Look for the famous triangular O-Cedar mops, too.



to mothers of young children he always recommends an ink that's easily washed out. Yet nearly every week some frantic lady will come in to ask what's to be done about ink spots; she forgets she bought a washable ink and never reads labels.

A HEATING ENGINEER tells me most homes could be warmed less expensively if directions were only followed. "Sometimes important instructions are placed where they can't possibly be lost, yet they aren't read," he laughed, as he gave me an interesting example.

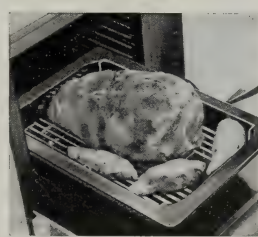
Recently he went into a friend's basement to see what could be done about a troubling difficulty. The answer was right on the furnace door, but the home-owner had never read it, altho it was molded in letters an inch high: "Water pressure should not exceed 30 pounds." For nine long years that caution had been unseen and disregarded!

UPSTAIRS, in the kitchen, a similar disregard of directions goes on daily. In many cases, declares an eminent oculist, it's because the lady of the house doesn't want to mar her beauty by wearing glasses she may need pretty badly. So she doesn't read as much as she should. Anyway, from a single food company comes plenty of evidence that packages are opened and thrown away without examination.

A dessert preparation which blends delightfully with most fruits won't mix so well with pineapple and that exception is clearly stated in the directions. Yet irate housewives write in to ask why the dessert didn't taste good when served with pineapple.

A beverage which is good for children comes with that fact printed on the label, yet many mothers write in letters asking, "Is it harmful to youngsters?"

Reading directions might save a lot of letterwriting, too!



● **BAR-B-Q BROILER** roasts a whole ham or leg of lamb under moderate, downward radiating heat. Attached to either side of the broiler burner are chromium steel wings completely studded with projecting tips. These absorb heat and glow red above the entire area of the broiler pan. Pan positions are spaced at varying intervals for the usual speed-broiling or this low-heat, bar-b-q type. The deep broiler gives, in effect, the extra roasting capacity of a two-oven range. Estate gas ranges with Bar-B-Q Broiler start at \$99.50 f. o. b. The Estate Stove Co., Hamilton, Ohio.—A. J. O.

"A Perfect Housekeeper — almost"



1. Helen's too-loud remark cut me to the quick. I knew she was referring to that ugly plaster crack that again needed repairing! I decided right then I'd let Wall-Tex end this plaster crack nuisance for good.



2. Later. "This is one place that gave me plaster-crack trouble. But no more — because Wall-Tex has a strong canvas base that protects the plaster, prevents cracks from appearing!"



3. When I mentioned the honest washability of Wall-Tex, Helen smiled and said: "Dirt and grime easily wash away with soap and water. Wall-Tex always looks fresh and bright. I know — I've had it in my home for years!"



4. Wall-Tex is truly the modern wall covering. Protective and beautifying, it saves you many dollars in redecorating expense. Over 200 distinctive designs are available in charming patterns you'll enjoy for years. Write for color portfolio and sample swatches — today!

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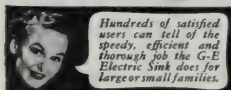
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GARBAGE CAN IN
YOUR HOME !**



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"It's Easy To Stay Young Electrically!"

GENERAL ELECTRIC

AMONG OURSELVES



Among cookbook and recipe hobbyists is Mrs. E. T. Brown, *Better Homes & Gardens* reader of Salt Lake City, Utah. Altho her collection of 325 cookbooks isn't the largest on record, it's one of the most interesting and the most individual. The oldest was published in 1747. Its title is the whole of this: "Art of Cookery, Made Plain and Easy, which far exceeds Every Thing of the Kind Ever yet Published"—By a lady—London: Printed for the Author; sold at Mrs. Asburn's, a China Shop, the Corner of Fleet Ditch MDCCLXVII—quoted and punctuated verbatim. Mrs. Brown, pictured above with part of her collection, began to read, clip, and scrapbook recipes when in her early teens. It's a consuming hobby



This is what is known in Hawaii as a Moon Door, and it opens out upon the moon patio from the living-room of Richard Tongg, landscape architect of Honolulu. You can obtain a similar effect with a Moon Gate in your garden, he says.—Elinor Karg



Couldn't let the month go by without a note on Vitamin B₁. Miss Dorothy Walsh, pretty *Better Homes & Gardens* reader of Los Angeles, California, sits demurely between two *Gardenia grandiflora*. As you surmised, the one on the right has been fed B₁.

TATTLE TALES

Record Dahlias: Garden fans who favor dahlias must be of hardy, competitive, love-a-fight stock. They never seem to give up in their battle for the biggest, the most, and the tallest. On our desk now are several photographs and as many letters, most of them making bid for the championship in dahlia height, or size of stem, or bloom, or something or other. And we enjoyed receiving them all—even tho we beg off from selecting a titlwiner or an all-American dahlia raising team.

OUR ONLY REGRET is that we seldom have space to publish the letters and pictures. This month there's room only to quote from *Among Ourselves'* good friend, W. W. BRANDENBURG, Baltimore, Maryland:

"In a 15-foot row of dahlias, I grew 15 plants to a height of more than 15 feet. They were planted May 15, and were killed by the frost October 15 when they were still blooming profusely. The tallest plant grew to a height of 15 feet, 10 inches. This I claim to be an all-time record. They were Jersey Beauty Dahlias. Roots weren't forced before planting."

This went into our record book on the fifteenth of the month.

**AROUND THE WORLD IN
San Diego**

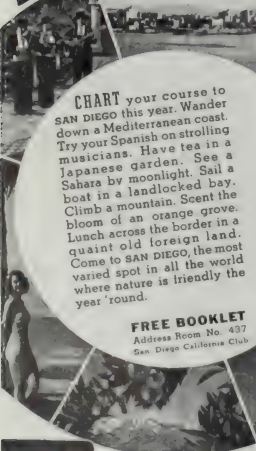


CHART your course to SAN DIEGO this year. Wander down a Mediterranean coast. Try your Spanish on strolling in a musician's garden. Have tea in a Japanese garden. See a boat in a landlocked bay. Climb a mountain. Scent the bloom of an orange grove. Lunch across the border in a quaint old foreign land. Come to SAN DIEGO, the most varied spot in all the world where nature is in the friendly year 'round.

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ASK ABOUT NEW RAIL RATES

**This Spring, Dress Up
Your Home With
Living Pictures!**



You can dress up any room in your home, make it smarter, more charming, with the addition of a genuine Nurre Mirror.
It's gleaming, plate glass surface will echo the color and animation of the room, make it seem larger and brighter.

Send for booklet—"How Famous Decorators Would Use Mirrors In Your Home". Follow the suggestions given and give your home new life and beauty. Genuine Nurre Mirrors are found at better dealers everywhere.

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News and gossip about you, authors who write for you, and the staff

Home-building Globe Trotter: Hardly had his typewriter cooled down from his story telling about remote-control house building, than the veteran war-coverer, FRAZIER HUNT, was off on the *Vulcanian* to cover another war. Possibly his stories from Europe will be in your newspapers as you read this item.

For the picture on page 36, taken shortly before he left, all six feet four and 200 pounds plus of him was dressed up in his Sunday clothes. However, we like the two pictures here much better.

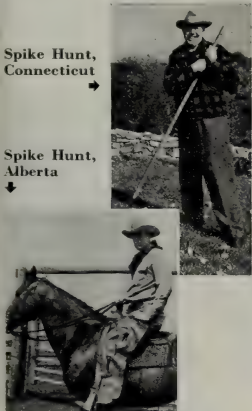
These two are of Spike Hunt. The other is definitely Mr. Frazier Hunt.

It's HARDLY NECESSARY to explain to you that Spike Hunt owns a 5,000-acre cattle ranch in western Alberta where his nearest neighbor, (when he's there) is the DUKE of WINDSOR. It was there Hunt got to know him—as well probably as any American with the exception of Wallis Warfield.

Matter of fact, he knows almost every important figure in the world,

Spike Hunt, Connecticut
→

Spike Hunt, Alberta
↓



and has interviewed scores of them from Lenin to Sun Yat-sen, Pancho Villa, and Gandhi.

O. O. MCINTYRE, who loved to write of the "small-town boys who made good in the big city," often referred to Hunt as "the Alexis, Illinois, boy." But actually Frazier was born in Rock Island, Illinois, and spent most of his school days in—as he describes it—"the beautiful little Indiana town of North Manchester, with a sleepy river running almost down its Main Street."

Then came the University of Illinois, travels in Europe, and a Mexican sugar plantation. Next he ran a weekly newspaper at Alexis a while before joining the staff of the "New York Sun," where he created the draft-soldier character, "Yaphank Bennie." Later he went to France as a war correspondent; and, following the Armistice, he covered and exposed the folly of the North Russian Expedition.

HUNT HAS WRITTEN several books, including "The Long Trail From Texas," just off the presses, and "One American," his best-seller autobiography. Other than a smattering of Spanish and French, he speaks no foreign language, but seems to have an uncanny knack of understanding them all—including that spoken by architects and builders. Turn to page 36.

Now It Can Be Told: We're often asked how Garden Editor Alfred Hottes came to be a gardener, garden writer, garden lecturer, and garden editor.

Some inquirers say, instead, that "he must be a Doctor of Philosophy, his lectures are so filled with delightful predications."

And the observation is quite fit-



Alfred Carl Hottes—takes bags off grapes

ting, tho Editor Hottes is a Master of Science instead of a Ph.D. He wangled this out of Cornell in 1914, and in 1916 went to Ohio State University for 12 years of professing in floriculture. Ever since, with the exception of two years' leave for bumping around Europe in a jalopy, he's been Garden Editor of *BH&G*.

HIS BOYHOOD FRIENDS say that he was all set to be an entomologist, but, in looking for specimens, became less interested in the bugs than what the bugs crawled on and into. Yet he insists that his love for flowers was a heritage from his grandfather. Hottes likes to tell of his grandfather's Sunday ritual, in season—taking the paper bags off his grapes to gaze fondly upon their lush beauty.

THE GRANDSON is still taking bags off grapes—figuratively; for when he isn't driving, hiking, picnicking, lecturing, gesticulating, sitting down, getting up—under his pocket microscope he's showing you an interesting bug or a bit of flower formation, or doing a bit of demonstrative pruning on the precious plant in bay window, or lamenting the fate of our native wildflowers.

And if Mr. Hottes could leave but two thoughts with you, they'd be that our native wildflowers must be preserved, and that it should be the inheritance of every child to be surrounded by beauty in highway, woodland, street, and home.

NOW THAT'S SOMEWHAT aside from the point, but so is the inference about leaving "only two thoughts." Lecturer Hottes is never satisfied with such a wake of thought. No less with brain stimulants than with precocious anecdote (as those who've listened to his lectures will substantiate). Hottes lays down thoughts as a fish lays eggs—end to end, and countless. And we hope he'll forgive us for the simile.—*The Tattler*.

NEW VALUE! Economy Set #179. 9-piece Ovenware set contains 6 custard cups in handy cooking rack, 9½" pie plate, and brand-new 8-oz. level-full red-marked measuring cup! Gift packed, **79¢**



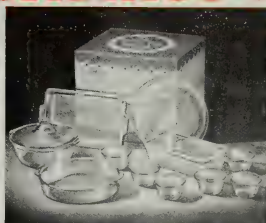
VISIT THE SPRING DISPLAY OF **PYREX WARE** AT YOUR FAVORITE STORE

LOOK what's happened to Pyrex ware sets! Unit prices were reduced 30% to 50% in the past two years and now there are new savings on sets. Visit your favorite dealer's during the Spring display while selections are complete. Every piece protected by famous replacement offer. Corning Glass Works, Corning, New York.

NEW! PYREX SETS AT NEW SAVINGS!



SPRING SPECIAL! Service Set #129. 10 pieces: 6 custard cups, 8-oz. level-full red-marked measuring cup, 9½" pie plate, 1½ qt. casserole with pie plate cover. Gift boxed **\$129**

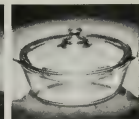
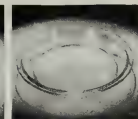


GIFT SET #245. 11 pieces: contains 9½" loaf pan, 1½ qt. knob casserole, 10½" utility dish, 9½" pie plate, six custard cups, and new 8½" cake dish, gift boxed, now only.... **\$245**

WHAT HAPPENED 2 YEARS AGO THAT 7 OUT OF 10 WOMEN DON'T REALIZE?



PYREX OVENWARE PRICES WERE REDUCED 30% TO 50%



NEW, LEVEL-FULL PYREX PIE PLATES. 11½" 8-oz. measuring cup, pie plate 35¢, 10½" 30¢, dish for meat pies and puddings. 2 qt. 35¢, 1½ qt. 45¢, 1 qt. size now **20¢**

ROUND PYREX casserole with knob cover. Quart size. Two years ago 75¢ now only.... **50¢**



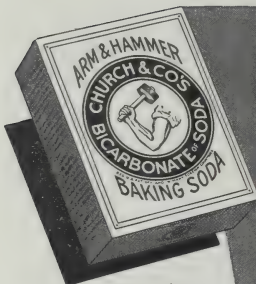
FLAMEWARE sauce-pan, detachable handles. 3 sizes **\$165** teakettle. 2½ qt. size was \$3.25, now only.... **\$295**



BRINGS DOWN the house for corn bread, desserts, meats. 10½" oblong utility dish. Price 2 years ago 75¢ now only.... **50¢**



*A recent survey proves that 70% of American housewives still don't know how little Pyrex Ovenware costs today. In many cases a dollar will buy twice as much as it would have two years ago!



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OR TO TAKE SMUDGES OFF WHITE WOODWORK. IN SOLUTION CLEANS AND MAKES YOUR GLASSWARE SPARKLING CLEAR.



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WOULD you like to know how to furnish and decorate and build and remodel to sleep deeper and with greater rest? A pocket-sized booklet, "HOW TO SLEEP—For Health and Success," by Ray Giles, well-known writer and author of a comprehensive book on sleeping, tells how. Send 10c to 5704 Meredith Building, Des Moines, Iowa, for your copy of this valuable booklet.

Recipes for SO Good Meals

[Begins on page 101]

Place ingredients in jar; cover; shake thoroughly. Makes $1\frac{3}{4}$ cups.

Raisin Sauce

[A Tasting-Test Kitchen Endorsed Recipe]

1 tablespoon butter	$\frac{1}{2}$ cup seedless raisins
1 tablespoon flour	Juice and grated rind of $\frac{1}{2}$ lemon
1 cup water	$\frac{1}{4}$ cup orange juice
$\frac{1}{4}$ cup brown sugar	

Make sauce of butter, flour, and water. Add sugar and raisins; cook slowly 15 minutes. Add lemon juice, rind, and orange juice. Serve with baked ham wedges. Serves 4.—Mrs. M. L. Turner, St. Petersburg, Fla.

Tropical Chiffon Pie

[A Tasting-Test Kitchen Endorsed Recipe]

1 cup unsweetened pineapple juice	1 teaspoon vanilla extract
$\frac{1}{2}$ cup orange juice	2 stiff-beaten egg whites
1 tablespoon lemon juice	1 9-inch baked shell
$\frac{1}{4}$ cup cornstarch	3 stiff-beaten egg whites
$\frac{1}{4}$ cups sugar	6 tablespoons sugar
$\frac{1}{2}$ teaspoon salt	$\frac{1}{2}$ teaspoon vanilla extract
5 beaten egg yolks	
1 tablespoon butter	

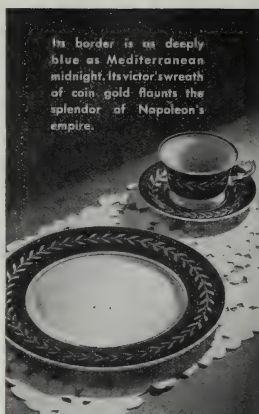
Mix fruit juices; add cornstarch, $\frac{1}{4}$ cups sugar, and salt; blend. Cook in double boiler until clear and thick, stirring constantly. Add small amount of hot mixture to egg yolks and stir into remaining hot mixture; cook 2 minutes. Add butter and cool. Add 1 teaspoon vanilla extract and fold in 2 egg whites. Pour into baked shell and spread with meringue made of remaining ingredients. Brown in moderate oven (350°) 12 to 15 minutes.

Lamb-Chop Grill

[A Tasting-Test Kitchen Endorsed Recipe]

6 lamb chops, 1 inch thick	2 tablespoons grated cheese
6 link sausages	1 teaspoon grated onion
3 medium-sized tomatoes	6 strips bacon
2 tablespoons dry bread crumbs	6 pineapple spears

Season lamb chops; broil chops and sausages on one side. Halve unpeeled tomatoes; sprinkle cut side with mixture of crumbs, cheese, and onion. Wrap bacon strip around each pineapple spear. Turn meats; arrange tomatoes and pineapple spears on broiler rack and continue



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As American as Evangeline and the Acadians . . . as French as the Royalists who fled to America to escape the Revolution . . . Syracuse China's *Richelieu* pattern sparkles with the "velvet and gold" of French civilization. But it is truly American . . . made in America to American standards by American workmen.

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Syracuse True China

made by
Onondaga Pottery Co.
Syracuse, N. Y.

broiling. Turn pineapple spears once. Serves 6.

Orange-Cream Cup Cakes

[A Tasting-Test Kitchen Endorsed Recipe]

$\frac{3}{4}$ cup shortening	$\frac{1}{2}$ cup orange juice
$1\frac{1}{4}$ cups sugar	$\frac{1}{2}$ cup water
3 beaten egg yolks	1 teaspoon vanilla extract
$\frac{3}{4}$ cups flour	4 teaspoons stiff-beaten egg whites
4 teaspoons baking powder	

Thoroughly cream shortening and sugar; add egg yolks and beat well. Add flour, sifted with salt and baking powder, alternately with orange juice, water, and vanilla extract. Fold in egg whites. Bake in greased cup-cake pans in moderate oven (350°) 30 minutes. Frost with Orange-Butter Frosting. Makes 2 dozen.

Orange-Butter Frosting

[A Tasting-Test Kitchen Endorsed Recipe]

4 tablespoons butter	Grated rind of 1 orange
2 cups confectioners' sugar	2 tablespoons orange juice
2 egg yolks	

Thoroughly cream butter and sugar; add unbeaten egg yolks and orange rind. Add orange juice until frosting is of spreading consistency.

Cheese Puff

[A Tasting-Test Kitchen Endorsed Recipe]

1 cup cooked ham, ground	2 beaten egg yolks
1 tablespoon minced onion	$1\frac{1}{2}$ cups hot milk
2 tablespoons fat or salad oil	$\frac{1}{4}$ teaspoon salt
2 cups soft bread crumbs	$\frac{1}{4}$ teaspoon paprika
$\frac{1}{4}$ pound American cheese, sliced thin	1 tablespoon minced parsley
	2 stiff-beaten egg whites

Lightly brown ham and onion in fat. Combine crumbs, cheese, egg yolks, milk, seasonings, and parsley; fold in egg whites. Alternate layers of crumb mixture with ham and onion in greased baking dish. Bake in slow oven (325°) 45 to 50 minutes. Serves 6.

Jellied Spring-Garden Salad

[A Tasting-Test Kitchen Endorsed Recipe]

1 tablespoon (1 envelope) unflavored gelatin	1 teaspoon salt
$\frac{1}{4}$ cup cold water	1 cup diced cucumber
$1\frac{1}{2}$ cups hot water	$\frac{1}{2}$ cup sliced green onions
1 tablespoon lemon juice	$\frac{1}{2}$ cup sliced radishes
1 tablespoon vinegar	1 cup chopped celery

Soften gelatin in cold water; dissolve in hot water. Add lemon juice, vinegar, and salt. Chill until partially set; add remaining ingredients. Chill until firm. Serve on crisp lettuce; top with mayonnaise or salad dressing. Serves 6.

"Babies Were Meant to Live!"

Next month we observe nationally the health of our children. What occasion could be more fitting for Gladys Denny Shultz's frank-spoken article on infant mortality? You'll want to read this worthwhile story.



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I Modernize MY ANTIQUES



By Mary Vandermeij

THOUGHTS of housecleaning invariably find me in the storeroom, attic, or basement, shaking my head sadly over the accumulation of years—whatnots, ancient vases, massive picture frames, a sampler, and bric-a-brac without end. It's my annual gesture, before I put them all back to gather dust for another year.

But this year I didn't put them back. Some went to charity, but the solid walnut frames, the sampler, and the china vases graduated to my workshop. Our furniture is Modern, but just the same I had a feeling that for a few cents and no great effort these derelicts could be reclaimed and modernized until they no longer looked like an invitation to the junkman.

FIRST I tackled the two white china decanters. They'd come from goodness knows where, but they were beautifully decorated with sprays of delicate green and rose. Having enough vases but too few lamps, I took them to an electrician, and for the price I'd have paid for a cheap lamp he wired them for me. At a clearance sale I swooped down on a pair of fluted paper shades just the tone of white of the china. Today my new china lamps grace my dressing table and add charm to the whole room.

NEXT came Grandmother's old sampler which I've always treasured, but for which I have never found a good use. Its quaint motto is woven in wool over perforated paper and set in a walnut frame. The frame was what had floored me, for I just couldn't see it with my red maple bedroom suite—the perfect spot for a sampler. I took it to a paint shop for advice and was informed that cherry-red varnish stain over solid walnut produces a perfect match for red maple furniture!

Armed with a ten-cent can of varnish-remover, a small knife for scraping, and some steel wool, I set to work with my heart in my mouth. Using the directions on the can as my bible, I applied the remover, scraped off the loosened layers of varnish, and smoothed down the rough edges with steel wool. Next I applied two coats of stain, rubbing the surface down thoroughly after each. And now, for the [Turn to page 135

WILL IT WASH?
WILL IT FADE?
HOW WILL IT LOOK ON THE WALL?
IS IT STYLED RIGHT?



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COMMON SENSE says: use the gentlest laxative which gives you results. So try mild lemon-and-soda.

Non-irritating, non-habit-forming, it is an effective elimination aid for most people. It promotes normal alkalinity and gives the protection of vitamin C, abundant in fresh lemon juice.

First or last thing daily, do this: 1. Squeeze juice of a Sunkist Lemon into tall glass half full of water. 2. Put half teaspoonful of baking soda



(bicarbonate) in another glass. 3. Pour back and forth, and drink as foaming subsides.

Give lemon-and-soda a ten-day trial. See if you do not benefit when you make it your "regular" rule.

Copr., 1940, California Fruit Growers Exchange

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Drapes of Wrath

The curtains and draperies that were Grandmother's pride-and-joy are all right for dear old Granny. But in decoration, the treasures of one generation are often the atrocities of the next. Styles change in curtains and draperies, too. You'll find all the newest ideas in window treatment in Christine Holbrook's popular book, "Well-Dressed Windows." This handy guide tells you everything you should know about fabrics, colors, and modern decorative styles to add a touch of smartness to your home. Price, only 20 cents. Order your copy today!

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Better Homes & Gardens

7603 Meredith Bldg. Des Moines, Iowa

Summer Cottage

IN CONNECTICUT



Architect: Charles G. Hehn, Photographer: Alfred J. Merz

What's more typical of Connecticut and neighboring states than white houses with green blinds (shutters to you!) and flower boxes? Such is the picture made by this cottage on the brow of a hill at Candlewood Knolls, Connecticut, weekend retreat of Miss A. Laurence. The inclosed front porch, incidentally, boasts of removable copper screens, and, like the whole interior, is furnished in Cape Cod maple. All windows—double hung—also are copper-screened. Both walls and roof are insulated. The cottage, on a corner lot, boldly looks into the face of the morning sun

By Charles G. Hehn

WHEN you enter this summer and weekend retreat, you don't really leave the outdoors—for stretching out before you from the windows is a sweeping view of Candlewood Lake and the surrounding hills.

The living-room you enter, by the way, has an engaging, high-peaked ceiling, the exposed rafters are stained to form a truss effect, and the natural-stained pine walls and the fieldstone fireplace invite you, with their warmth, to relax and be informally and contentedly at home—more realistic warmth being assured by the circulating feature of the fireplace. Of course, bookshelves and seats flanking the fireplace add to the homelike feeling-tone. One end of the living-room serves dining purposes.

All interior floors are of oak, and by way of other detail—all but the living-room walls are covered with gypsum wallboard and papered or washable-fabric coated. Lighting fixtures are Colonial-design hand-wrought iron. Brass piping, white fixtures, built-in medicine chests, and a private septic tank feature the sanitary system.

Stone, which is plentiful in Connecticut, was also plentifully used in construction. The little side-porch is stone-faced. Under the



As you'll note in the plan, this 5-room cottage contains a bunk room with shower bath, in addition to the two bedrooms and the private toilet off the owners' bedroom. The attached garage, however, has no direct or inside entrance to the cottage

bright white paint coat is redwood clapboarding. Under this is 1/2-inch insulation board. The roof is also insulated under the slate-gray stained red-cedar shingles.

A BASEMENT, with future heating-plant needs provided for, extends from under the cheery, three-windowed kitchen (with chipper window box!) back under the living-room. The electric water-heater, incidentally, is installed in the spacious kitchen, which was designed to serve both living-room and front porch.



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Handle With Gloves

By Virginia D. Remnant

THE loveliest hands I've met are dishwashing, dust-mopping, and gardening hands—kept soft and lovely by gloves. And since I refuse to let anyone else's hands across the table be nicer than mine, I've joined the smooth-hand homemakers who tackle their jobs with gloves. It's not just the surface I'm saving, either, but money for nail polish and time from manicures.

I'VE four different glove types, each with its work to do. First, a rubber pair, one size too large, for dish-, window-, and woodwork-washing, bathroom-cleaning, and the whole run of wet jobs. Buy the kind with pebbly surface or corrugated finger pads and there'll be no slip-ups at the sink. Keep two pairs of these on hand, one in the kitchen and one in the bathroom. Then when a knife clips a finger, you've a spare all ready. And since it's usually the right-hand glove that goes first, when you find yourself with two lefts, just turn one inside out, and presto! You've a whole pair again.

KEEP rubber gloves well powdered inside. These large ones should then slip off easily. But if they stick, strip them off wrong side out; don't pull on the fingers. It's easy then to turn the cuffs inside out and balloon out the fingers with a strong puff of lung-wind.

My second kind are rubber, too, but they're laundry gloves, so they fit perfectly. Floppy finger ends are irritating, so be certain they fit snugly. They're as much a part of my Monday-morning job as the soap that goes in the washer.

Number three is a soft cotton pair that hangs in my broom closet for dusting and handling mops. Mop handles have a way of roughening palms, and rubber gloves are definitely out, for they'll bring blisters occasionally. My cloth gloves are just a comfortable size, come up on my wrists a bit, and are light in color—a reminder to drop them into the weekly wash. My neighbor wears a treated lamb-leather utility glove for out-of-doors and dusting. Her hands are lovely, too.

My fourth style of gloves is for garden and yard work. They're of tough, thin leather, neither heavy enough to hamper free and easy movement nor so light as to be pierced by thorns. I like them much better than the rather clumsy canvas affairs I used to wear when my hands needed protection.

AND here's a bright one for a birthday, a Mother's Day, or a shower gift for the bride. Discover the size of the lady's lovely hands, then choose your set of four—a size wet-job pair, a snug-fitting laundry pair, a light cotton pair for dusty work, and leather ones for the garden.

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BHG 4-40



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nous coal or coke—the Universal Fuels—how to rescue yourself from cold floors, cold corners and chilly rooms every winter from now on.

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... say Robert and Christy Farrier

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and you can readily make them yourself**

SOLID wood wheels, rawhide thongs, and rough-hewn appearance fit this furniture to your garden. And it's fun to build. We know. We built it.

It's comfortable and burly as garden furniture should be, capable of withstanding the shock of croquet mallets, gritty shoes, and all kinds of weather. It's made of redwood and oak—but other woods will do—and is protected with dull orange and bright red implement paint. We gave it a hand-hewn effect by roughening corners with a coarse rasp and gouging surfaces here and there with a plane with its bit set to one side. Wood wheels and axles and wooden door-pulls fastened with rawhide thongs further the effect. Upholstery is canvas in deep, tawny stripes, sunproof but not water repellent, for our furniture is protected from the rain.

Sun Lounge We have tall friends, so we made the sun lounge oversize—6½ by 2 feet. The adjustable back pivots on a ¾-inch dowel and is held in place by the combination of spring, toothed rack, and small rope shown in the diagram. Dowel pins lock the 2-inch-thick wheels on an oak axle, a 2 by 4 cut down to round ends 1½ inches in diameter.

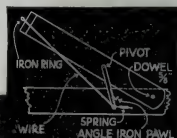
Love-Seat For comfort, this love-seat is 27 inches deep and 4 feet long. The seat is 17 inches from the ground. Before we fastened it in place, we tried it at varying slopes to find the most comfortable. For all-weather cushions the best filler

we've found is kapok. It never packs. Indeed, when damp, it seems actually to expand. Our cushions are reversible as well as washable.

Out-of-the-Way Table Our 3- by 5-foot table top made of ¾-inch plywood accommodates six people. Two guests sit on the daybed, the sun lounge is wheeled around for two more, and host and hostess occupy gaily cushioned kegs which by night serve as bedside tables. The table is suspended from the ceiling so that when not in use it can be swung up out of the way. Suspension legs 1 inch by 1 inch, bolted to the rafters, are made in two parts so joined as to form knees which facilitate raising and lowering the table. The top is painted scarlet and then varnished—a cheery foundation for colorful linens and pottery.

Tea Cart Twenty inches wide, 29 inches long, 33 inches high, our tea cart contains two compartments for food service. Trays, the exact width of the top, facilitate carrying food and dishes. With the cart an entire meal can be prepared and out of sight before guests arrive—a joy to any maidless hostess.

We're delighted with our outdoor living-room suite. It makes it possible for host, hostess, and guests alike to relax and enjoy themselves.



SUN LOUNGE: Scottie is bored, but Mrs. Robert Farrier is relaxed, because this lounge is quickly wheeled to the most comfortable spot in the garden and the back adjusted to the most comfortable slant. The inset drawing shows details of the apparatus for holding back at desired angle. The notched iron props the back in a number of positions, lets it lie flat

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TREAT YOURSELF TO PLANTS OF HEAT THIS WINTER
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Garden Furniture . . .

OUT - OF - THE - WAY →
TABLE: Suspended from the ceiling of the Farrier outdoor living-room is this table. When not in use it can be swung up to the ceiling out of the way and held there by one wing nut. The table's legs and bottom are stained dark to match the weathered wood of the ceiling



BED: They built the bed around the springs of an old daybed so that it opens out to full double size. Boards are 2 by 12, joined with tongue and groove and waterproof casein glue

TEA CART: Four-inch-thick walls in the upper compartment and two fireless-cooker soapstones salvaged at a rummage save keep hot foods hot. Salads and dessert go down below



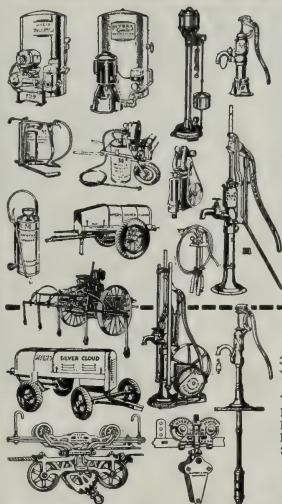
LOVE-SEAT: Its wide arms accommodate plates and cups, books and work-basket. The adjustable back pivots at the bottom on 3/8-inch dowels and is held at the desired slant by a toothed rack at each end



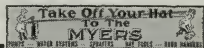
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Your Kitchen Cut-ups

[Begins on page 51]

A big broad one does everything from serving to turning pancakes. A medium-sized one scrapes mixing bowls, loosens muffins, has countless other tricks. Our favorite is the tiny palette knife, tops for blending frosting, icing cakes, glazing pastries, and leveling off measuring spoons.

Finally, the specialized knives that leave the cook absolutely nothing to grawl about. We could do without our citrus knives, but we're not going to try. And if you're a canner you'll feel the same about the pitting knife. A party help is the sandwich knife for trimming bread into tricky shapes. And for midnight snackers, a serrated cake knife cuts pastries and cheese with no sticking.

What makes a knife good? Good material in the blade is a first requisite, and we think of this as a knife of high-carbon steel. Proper carbon content in a blade makes it hold an edge. Also, we like our knives to be stain-free and shiny. Some manufacturers solve this by chromium-plating high-carbon steel, or using stainless steel, an alloy of steel and chromium, and so label their blades.

Fine workmanship in the blade. The best knives are hand-forged, perfectly tempered, tapered gently from back to cutting edge and from handle to point. Machine-forged blades of good steel are also excellent. A fine but less expensive knife is the beveled one of quality steel, cut from a strip of steel of graduated thickness, then tapered. But don't waste money on a knife that's stamped from a sheet of low-carbon steel, has no handle-to-point taper, and is the same thickness across except from 1/16th of an inch to the cutting edge. There's a definite hump where sharpening starts, and the cheap steel won't hold an edge.

A good handle. Hardwood, bone, moulded rubber, or synthetic compositions are all good. They should fit the hand. Avoid soft woods, paint that will chip, crevices that will catch food. The way the blade and handle join is important—full-tang construction is the best. This means the blade metal continues the full length of the handle, and is sturdily riveted. Half-tang joining, with two rivets, is quite satisfactory.


Since good knives are hard to tell at a glance, a smart shopper looks for the name of a reliable manufacturer marked on the knife.

Keep a good knife sharp. House your knives in a wall rack or in drawer grooves. They grow dull if jostled with other utensils. Use each knife for the job for which it was designed—and for no other. A carbondum sharpener which files the blade is good. So is the sharpener with abrasive wheels held always at just the right angle for sharpening.

TODAY there's a knife for every kitchen task. They're keen, handy, long-lived, and temper-saving—so have plenty of them. Hang them conveniently, sharpen them often, and take our word for it—you'll carol as you cut!

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Slight

By Harry Richardson

1 As a recipe for reducing the apparent height of a room this treatment is **WRONG**...

... because the moulding has been dropped below the ceiling line, which immediately attracts the eye upward, making the side lights appear higher on the wall than they really are.

... because any bold wallpaper design formalizes a room and makes it look taller than it is.

... because the naked bulbs in the wall bracket increase the effect of height, throw the light upward, and are inhospitable.

2 As a recipe for reducing the apparent height of a room this treatment is **RIGHT**...

... because a chair rail has been used to break up the wall surface, adding interest below the eye level instead of above it.

... because the upper part of the wall is painted a darker shade than the lower portion.

... because simple white candle shades are used to shade the light bulbs, directing the soft light downward. The candles are painted a soft pink (or blue or yellow) to add a note of refreshing color.

3 This grouping is **WRONG**...

... because the picture is hung too high above the clock.

... because the tall candles aren't suited to the tall candleholders.

... because the too-tall andirons prevent easy use of the fireplace.

4 This grouping is **RIGHT**...

... because the picture has been dropped until its frame comes below the top of the clock, knitting the separate parts into a decorative ensemble.

... because short candles have been used in the very tall candlesticks (and remember, too, that tall candles should be used in very low candlesticks).

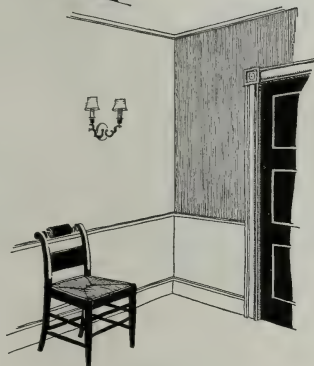
... because the andirons are properly proportioned to the fireplace opening.

Changes - but What a Difference!

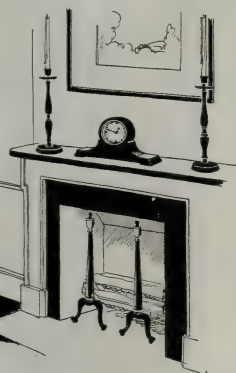


1 WRONG

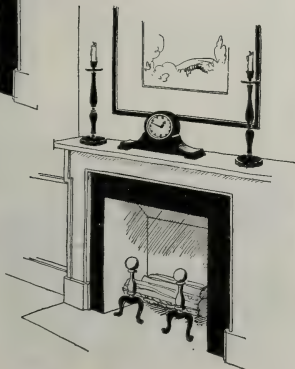
2 RIGHT



3 WRONG



4 RIGHT



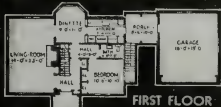
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—and protection—stores showing products advertised in *Better Homes & Gardens* use this "guaranteed as advertised" emblem as a means of identification. Look for it when you're buying in the stores!

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Youngstown, Ohio—The Strouse-Hirschberg Co.

Stores in Other Cities Also Will Display Better Homes & Gardens Furnishings—Watch for Them

Check Your Furniture Needs Here

[Begins on page 96]

"Apple Annie" is the enchanting name of this black-painted Hitchcock chair, with its entertaining stencil in orange, green, and gold decorating the center slat. Of course you've noticed that this type of painted furniture is enjoying a big revival, being used particularly in effective combination with maple. You will find the two fraternizing in our Early-American room in color on page 23. Here the generously proportioned knee-hole desk is of maple

Furniture, Heywood-Wakefield;
Rug, Bigelow-Sanford; Lamp, Sandel



✦ Ideally grouped for an entrance hall are these excellent reproductions. The lowboy offers drawer space for gloves and scarves, for pencil and paper. The mirror is wide and long enough for almost a full-length view, and the chair draws up for adjusting locks and powdering noses

Drexel Furniture, Hedrich-Blessing



Drexel Furniture, Hedrich-Blessing

At just such a table Southern belles powdered their noses. Reproduced in finely marked mahogany, its mirror comes off to make it a desk



How prim and proper, yet how charmingly reminiscent of the Victorian era this grouping: In close harmony with the chairs, upholstered in quilted chintz, is the flower-wreathed vase. To tie in with your color theme, the chair coverings might well be brocade or velvet

Howell Company, Hedrich-Blessing



Tomlinson

✦ Gayer than gay in stunning red and white leatherette is this gleaming metal breakfast set, its table stretching hospitably when guests arrive. This is the most graceful set of its kind we've seen in a long time

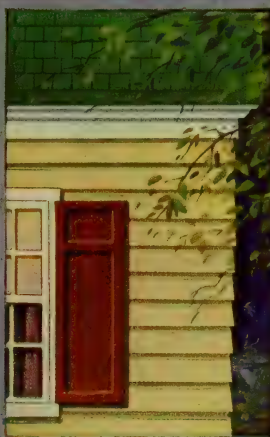
Color-Styled WITH SWP HOUSE PAINT

Body, SWP Cream Gray. Shutters, S-W Trimbrite Cardinal Red. Roof, S-W Shingle Stain Thatch Brown.

Body, SWP White. Shutters, S-W Trimbrite Verdun Green Light. Trim, SWP Gloss White. Roof, S-W Shingle Stain Silver Gray.

Body, SWP House Paint Ivory. Shutters and trim, SWP Warm Drab. Roof, Sherwin-Williams Shingle Stain Medium Green.

Body, SWP Light Lead. Shutters, SWP Ivory trimmed with SWP Slate 2 parts, SWP French Crown Green 1 part.



Body, SWP House Paint Canary Yellow. Shutters, S-W Trimbrite Orange 2 parts, SWP Red 1 part. Trim, SWP White.

Body, SWP Light Lead. Shutters, SWP White and S-W Trimbrite Castilian Blue. Roof, SWP Black, Castilian Blue, 1-4.

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vivid, life-like, you'll feel you can actually enter the doors of the homes they show or step right into the rooms they portray! Never before has it been made so easy and convenient to visualize so clearly just how paint colors and combinations would look on, and in, your own home!

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All these dwarf phlox started even, in the Botanical Greenhouse of a famous University. They were grown in sterile sand, under identical conditions of light, heat, air and water. Only one variation was permitted. That was in their *diet*.

The phlox in the center pot were given *all eleven* food elements plants need from soil. Each of the others was given *all except one*.

Surely, in this unretouched Kodachrome photograph, you can see the hazard of using anything

but a *complete* plant food on flowers. Vigoro is a complete plant food, supplying all eleven food elements in balanced proportions.

(Key: Plant -Fe got no iron; -B, no boron; -P, no phosphorus; -Ca, no calcium; -N, no nitrogen; -S, no sulphur; -Mg, no magnesium; -K, no potassium; and C got *all 11* elements contained in Vigoro!)

ROSES AT THE N.Y. WORLD'S FAIR

Visitors to the New York World's Fair last summer were entranced by "Roses on Parade" . . . the magnificent garden of more than 8,000 rose bushes in hundreds of varieties.

Collected from all over the world these roses were put in by the famous Jackson and Perkins Company, Newark, N. Y. To bring them to gorgeous perfection of size and color and fragrance, *Vigoro was used exclusively!*

AND GRASS ON A SICKLY LAWN

This dramatic, unretouched photograph, (below), shows Vigoro's amazing action on lawns. One section of this lawn was fed Vigoro, the other left unfed. Both sections were cut and watered equally. Look what happened in *just seventeen days!*

Yes, grass, too, needs a complete plant food if it's going to be strong, colorful, resistant to drought and weeds. Try Vigoro on *your own* lawn. See the difference it makes right away and all summer long.



They all say
"use VIGORO"

Vigoro, a product of Swift, is a complete, balanced plant food, supplying all the elements needed from soil. Safe, sanitary, easy to apply, it is also most economical because results are sure and you need only 4 lbs. per 10 sq. ft. Use Vigoro for everything you grow—lawns, flowers, trees, shrub and vegetables. Order from your garden supply dealer.

Along the Garden Path

WHERE READERS AND EDITORS EXCHANGE TIPS

Tulip-Disease Spread

THREE CONTRIBUTING FACTORS to the tulip disease known as "fire" are: mulching beds; cultivating plants in wet weather; and permitting animals to run thru tulip plantings and bruise stems and leaves, allowing botrytis spores to enter.—Phyllis Hope, Ind.

Collect diseased leaves to prevent the spread of infection.—Editor.

Hair Pins

WHAT BETTER GADGET than a wire hair pin for pinning trailers of pinks, carnations, and other spreading plants down to earth? New growth comes up exactly where you want it! —Harriett Sommers, Wis.

Being a man, I use any U-shaped wire.—Editor.

Use of Compass Saw

A CARPENTER, I've found a sharp keyhole- or compass-saw particularly useful in dividing dahlias and other perennials so that I get only one sprout to a tuber. It's an inexpensive saw and far easier to use than a knife or heavy shears, and I can save a great many more roots.—C. V. Snively, Pa.



Pumpkins on the Garage

IF YOU WANT to make pumpkins exciting, string the vines up one wall of your garage. Sow seeds in hills close to a sunny wall. Put up strong, fine rope or stakes for the vines to climb, and when the tiny pumpkins first form, place homemade painted shelves under them where they may sit and ripen. The effect is enchanting. To make it even more so, provide a background of Heavenly Blue Morning-glories. The blue and orange, all the late summer, make your pumpkin garden the excitement of the neighborhood.—Jean Hersey, N. Y.

Muskmelons grown in greenhouses are supported in bags made from a fish net. Try it with pumpkins.—Editor.

Sharp Hoes and Spades

I HOPE YOU CAN KEEP your remarks to yourself when you see someone using a dull spade or hoe. I can't. I want to take them home and file them. It takes such a few minutes and they work so much better.—Chester Jones, Md.

Boil 'Em Out

YOU'LL FIND a teakettle of scalding water a great help in the garden. Occasionally sterilize garden implements, especially so if you run into fungus growth in the soil; scalding water will disinfect the tool and the infected soil. When I find a nest of insects in the soil or a hole bored in the ground, I run for my teakettle, and Mr. Bug doesn't re-

turn. Insects in the soil survive harsh treatments but never boiling water.—Mrs. R. A. Gotto, Tenn.

SALT ADDED to boiling water kills grass between sections of a cement walk.—Mrs. Cecil Bennington, Wis.



Garden Label

MY MARKING TAGS last and expand with the growth of the plant. I make them from rubber-tire tube cut as shown and print the name with weather-resisting paint.—W. E. Kilburn, Australia.

Paraffined Label

TO MARK PLANTS, print the name on cardboard with ink, then dip in melted paraffin. This marker lasts a long time regardless of rain.—Mrs. Earl Stokes, N. Y.

Removing Paint

IF A FEW SPOTS of paint won't come off your hands or face after you paint something, use the wife's fingernail polish remover. It's harmless, does the job.—J. C. Benke, Calif.

When Iris Don't Bloom

THEY MAY BE too thick, or too deep in the soil, or not in full sun. Divide iris every third year; and plant the rhizomes almost on the surface. Planted too deeply, the rhizomes rot, the foliage hasn't the strength to stand up straight, and bloom is sparse.—Mrs. E. E. Grebenstein, N. J.

Garden-Hose Holder

HAVE YOU WISHED for a gadget to hold and direct your hose nozzle for watering a row of flowers? I've made a simple outfit. I twist heavy clothesline wire around the hose with two points to plunge into the sod.—W. C. DeWeese, Tex.



Loosestrife and Poppies

I PLANT LOOSESTRIFE, or lythrum, in front of Oriental Poppies. Lythrum blooms long after the Oriental Poppies are thru blooming and hides their ugly foliage.—Mrs. Henry Berland, Mont.

Dwarf Iris and Daffodils

MY YELLOW DAFFODILS, too expensive, were no more effective than healthy dandelions until I made the discovery of moving in chunks of dwarf purple iris just before or during blooming. It's too shady for good iris growth where my bulbs grow, so

I remove the iris again to a sunny bed when they and the daffodils have finished bloom.—Fleeta Brownell Woodroffe, Ia.

Holding Shrubs to Stucco

WATERPROOF ADHESIVE TAPE will hold branches and sprays of plants against a house without leaving marks.—Alice S. Moorhead, Calif.

Window-Box Hint

BEFORE PUTTING EARTH in window boxes, whitewash the inside. It'll prevent insect attack on the wood.—Neva Lacy, Ill.

Help the Birds Build

EACH YEAR MANY BIRDS return to my shrubs and trees, but I want more. When the birds begin their nests, they have trouble finding material enough, sometimes fight for the same piece of string. I've solved their problem to some degree by saving string, yarn, and shredded cloth all winter, and when they return I place these where they find it. They love it.—Mrs. A. C. Hatch, Minn.

Garden Mottos

A PENNSYLVANIAN who moved to California, I've often wondered why easterners don't add mottos to their gardens. What first attracts my garden callers is a poem printed on a small board and attached to a standard on my fence:



"The kiss of the sun for pardon,
The song of the birds for mirth;
One is nearer God's heart in a garden

Than anywhere else on earth."
Everyone from the minister to the junkman reads it.—Lillian Yendes Neff, Calif.

Tulips Stay Shut

TO KEEP TULIPS FROM OPENING wide, drop a tiny drop of wax in each flower.—Mrs. Chas. Houghton, Wis.

Wooden Bracket Holds Hose

I USE TWO PIECES of 2 by 4 attached to my house wall with angle irons a bracket keeps the hose out of the mud, prevents soiling clothes. I also rounded the two pieces of 2 by 4 to avoid creasing the hose.—Harry Henderson, Ind.



Garden Spear

DRIVE A NAIL in the end of a broomstick and file the head to a point. This can be used to spear paper from under rose hedges and barberry bushes, or any hard-to-get-at corners.—Helen C. Spain, Ohio.

THERE'S ONE
IN EVERY
NEIGHBORHOOD



HE MAY be a nice dog, all right—a wonderful pet for his owner—but he can be a nuisance when he digs into your favorite flower bed or molests your treasured evergreens. There's one sure way to keep dogs out of trouble—Cyclone Fence. It's high enough and strong enough to keep your dog in—keep other dogs out.

Cyclone Fence is a valuable improvement for any home. It not only protects your shrubs, lawn and flowers. It also provides a safe playground for children—keeps them off dangerous streets.

There's no problem of upkeep when you choose Cyclone Fence. It stays sturdy and trim for years. Heavy galvanizing, applied after weaving, resists rust. Posts are straight and strong. And Cyclone's Self-Closing Gate swings freely—closes automatically. Get the facts about this low-cost protection. Mail the coupon.

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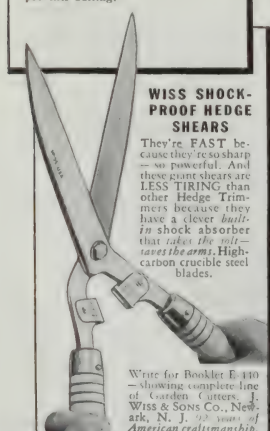
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Built on an engineering principle that steps up the power of your grip surprisingly. These pruners have draw-cut action—shear off sizable branches with ease. Cutlery steel blade strikes soft bronze anvil that prevents dulling.



They're FAST because they're so sharp—so powerful. And these cutters are LESS TIRED than other Hedge Trimmers because they have a clever built-in shock absorber that takes the hit—saves the arm. High-carbon crucible steel blades.

Write for Booklet E-110—showing complete line of Garden Cutters. J. WISS & SONS CO., Newark, N. J., 30 years of American craftsmanship.

The Diary of a Plain Dirt Gardener

[Begins on page 10]

hung too low. Bit more shrub-pruning missed earlier. Edged sod around house foundation planting. Had David picking up sticks and bones from the lawn. Donald was trying to roll the lawn after I told him not to do it because ground was too wet. To get him to do something, all I have to do is tell him not to.



"Otto endowed us with another litter of kittens"

April 7 This morning when I awakened a glorious sun was shining in the eastern window. The sweet melody of a score of feathered songsters came floating in on what I supposed was balmy air. At last, thought I, as I rubbed my eyelids open, the real essence of spring, sweet and lovely spring, is here.

And bless my soul, believe it or not, when I climbed out of bed and looked forth, the ground was covered with about half an inch of snow wherever I looked.

April 12 Rain every day and my garden work is done sitting by the fireplace and dreaming. My musings were of chrysanthemums today, and tonight I turned to the book "Hardy Chrysanthemums," written by Alex Cumming, the Connecticut nurseryman who developed the Korean Hybrid Mums. I read thru most of the book again. It's full of practical information and lore about outdoor mums, varieties, how to grow, how to propagate, and the like.

April 13 Took up hauling compost anew to repair fall and winter lawn damage. But, land sakes, it wasn't much of a job. In only two or three places had the wicked moles been at work. Last summer Donald gassed their runs with exhaust gas from the car, by means of a hose, and that was the end of the moles.

April 14 Among the exciting events of the day were, first, more showers, and, second, Otto, David's grumpy puss, endowed us with another litter of kittens. We found her with them in a clothes basket in the basement this morning.

April 16 Our annual narcissus show is beginning all about the lawn and garden. When my back was turned this morning, David picked a handful of my precious Sir Watkins. Maggie arranged them in a black basalt Wedgwood cream pitcher, making a striking arrangement for our living-room table.



This easy-to-mix, highly concentrated garden spray kills or controls practically all troublesome garden insects. 4 ounces make 12 to 18 gallons. It will not clog sprayer. Use Bug-a-boo Garden Spray freely.

Buy at leading hardware, garden supply, and department stores.

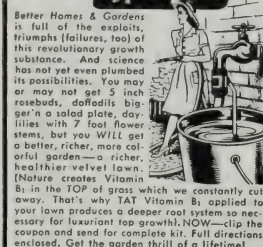
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NAME.....
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April 19 Paul Revere didn't ride again today, but you would have thought he was expected to, from all the excitement and alarms and rushing about on the part of garden-club folks in this community. But instead of Paul, it was Dorothy Biddle. All the local clubs had co-operated to bring her here and had arranged for her to speak both afternoon and evening in a campus auditorium. I managed to get over this afternoon, after I could get my students off my hands.

In case you don't recall, she is an authority on flower shows and flower arrangement, as well as author of books and garden articles. She was speaking this afternoon on flower shows and stressed the importance of a good schedule, staging committee, proper judging, and the like. If I were king, I wouldn't let a garden club hold a show unless it had first heard this talk by Dorothy Biddle.

April 20 Dark clouds and showers ruled another day. I tried to burn some brush by pouring kerosene over it. The main thing I burned was my own eyebrows when the wind suddenly shifted and a gust blew the flames right into my face.

April 21 Lunch this rainy day at the faculty club and some of my brethren were joshing me about the diary that I write for BH&G. "I'll write it for you," said one. "All that is needed this month is 'Rain,' and 'More rain.'" The facts are that in these 21 days, it has rained 17.

April 22 Nobody will believe me, but the sun was actually shining when the boys and I went out in old clothes this Saturday to work. Donald was mowing the



"Main thing I burned was my own eyebrows"

grass with the power mower. David was picking up sticks from the rose beds which I missed at the spring pruning. "But, Daddy, they stick my fingers right thru these leather gloves," he complained. "Somebody has to get his fingers stuck," I replied. "Get busy."

As for me, I was planting some new perennials I had ordered for the bed I began last fall. They included Liatris September Charm, Shasta Daisy Admiral Byrd, and Lavandula Twickel Purple. Also I transplanted some more delphinium and pyrethrum plants I grew from seed last summer.

April 26 The boys and I made our annual spring visit to the Burwell Nursery for some more new perennials and roses. I acquired ownership of some plants of

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Send time for all 24—the Pick of the Season—of each: Burpee's Red Giant Radish, Red Ball Beet, Goldheart Carrot, Iceberg Lettuce, Sweet Curing Zucchini, W. Atlee Burpee Co., 458 Burpee Bldg., Philadelphia

Helium peregrina, Tritoma Tower of Gold, Delphinium Pink Sensation, Aquilegia Crimson Star, and some other things. I also bought three plants of the white hybrid Polyantha Rose Dagmar Spaeth, and one of Lily Pons.

April 27 After putting out my new perennials, I moved into the bed my four plants of shrubby clematis, a fine perennial. And then I came across three plants of *Amsonia tabernaemontana*. Now there may be some spot in the world, some bleak mountainside or some otherwise deserted place, where nothing else will grow. But ever since I bought these of mine five years ago the only useful purpose they have served is that they are something uppity visitors, who supposedly know everything, can't identify. (Note—I see that the nurseryman from whom I bought them says in his catalog that they're fine among shrubbery. Mebbe so.)

April 29 Saturday; and this morning, as a starter for the day, the boys and I went downtown to lay in our summer's supply of dry bordeaux mixture and other spray and dust ammunition for the battle ahead with pests.

Prune Your Way to a Better Lawn

[Begins on page 15]

whole forest where a forest isn't desirable. As for thinning and trimming, this usually increases tree health and vigor and reduces danger of disease.

AFTER early-morning or late-afternoon sunlight is admitted, keeping the soil in good physical condition and feeding the trees at least every third year and the grass at least twice a year will go a long way toward developing a good turf. If the offending trees are the neighbor's, all that remains is to take advantage of any possible improvement in the maintenance program or perhaps use groundcovers more shade-tolerant than grass.

But what about all of the lawns growing in sunny situations that persist in turning brown each summer? The answer is that maybe the soil isn't all it ought to be. Or maybe—this sounds foolish until you study it—it's lack of ventilation.

SEEKING privacy for the outdoor living-room, developing a high screening-border planting of shrubs—this lays the foundation for one of our worst lawn problems. These screening-borders shut out the rapid movement of air over the surface of the lawn.

During very hot weather, lawn grasses, like other plants, must transpire a great deal of moisture to cool themselves. If the humidity is also very high, transpiration is checked and the point may be reached where the grass is overheated and suffers scald, which is to plants what sunstroke is to animals.

Scald is unknown in the arid sec-

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You'll be pleased and proud to own this mower... if you like to get outdoors and cut your lawn at times, as so many home owners do. And your yard man will thank you the rest of his days for getting such a quiet, easy-running, perfect-cutting machine. Your lawn will show appreciation, too, by looking extra beautiful when it's mowed.

Once you own this marvelous new F & N Marathon—and you take reasonable care of it—you'll never have to buy another mower. It's built to last for years and years. And what a value it is—for those who appreciate the finest and most enduring quality.

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Marathon
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The Leading Value from the Industry's Leader

Prune Your Way to a Better Lawn

[Continued from preceding page]

tions because there the air is always so dry that transpiration is maintained at a high rate. But in humid regions the summer air is frequently close to the saturation point, even on clear days. If a high border planting or a stone wall incloses the lawn and stops cooling and drying breezes from rolling freely across the lawn surface, humidity at the lawn surface may become so great that scald occurs when the sun is intense.

SCALD is more common in small, inclosed areas than large ones where ventilation can't be so restricted. It's most severe immediately west of trees or of the house, because these objects cast morning shade over the lawn and prevent drying of the dew until late morning. When sunshine intensely strikes such shaded areas, it's intense, and the wet grass scalds before the moisture can evaporate.

Restricted ventilation sometimes goes beyond scald and results in disease. One of the worst attacks of large brown patch I have ever observed was on a Kentucky Bluegrass and redtop lawn in a badly inclosed area screened on the east by high trees. The smoky, brownish fringe of the five- and six-foot circles of brown patch could fairly be seen to move out into the healthy grass. As if this were not enough, leaf spot was cutting across the blades and turning them brown.

THERE'S no treatment for scald, because the trouble isn't caused by a disease organism. Preventive measures can be very helpful. In humid areas remove all clippings in the spring and summer. Rake the areas occasionally to remove all dead grass which might mold and heat around the base of the plants. Clip frequently but not too short. Withhold water during periods of high humidity. In addition, it appears that on scald-susceptible areas frequent light plant-food feedings are better than a single heavy spring application. Slow-acting organic plant foods which provide nitrogen and little else and which break down quickly only at high temperatures are to be frowned upon. When disease appears in conjunction with scald, use a good lawn fungicide, preferably dry.

These preventive measures will probably be partially effective. But the only real relief will come from thinning out or otherwise opening up the encircling borders and reducing their height as much as possible. Perhaps the borders can be eliminated on one or more sides. A high wall of trees on the east side should be reduced in height and thinned drastically to cut early-morning shading to a minimum.

BUT all lawn troubles can't be blamed on soil, shade, or inadequate ventilation. Wide-open lawns in good soil have their troubles, too.

When a well-cared-for lawn is thin and unthrifty, have a look at the mower. Chances are that it cuts too short. All the turf grasses except

SEYMOUR SMITH
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creeping bents grow more vigorously if clipped not shorter than 1½ or 1¾ inches. Clipped at this height, they'll become thicker and thicker each year because the leaves are long enough to make the sugar responsible for growth. In contrast, lawns clipped as short as one inch will become thin, poor in color, and more and more the prey of weeds.

It's also important that the grass be maintained at as nearly a uniform height as is possible, so that the supply of sugar will be uniform. This may mean that a properly fed and watered lawn will have to be cut every third day during good growing weather, but it'll pay. Don't ever let grass grow very long and then cut it back severely. This not only produces stoniness and browning but cuts off the supply of sugar going into the roots and vegetative parts and may cause them to starve.

WHEN you water, soak, don't sprinkle. Repeated sprinklings produce shallow roots because the plants have no need to send roots deep into the soil in search of water. Make your grass struggle for water to develop an extensive root system; then during summer drouth your grass will have a solid foundation. Revolving sprinklers should remain in one place several hours, continuous sprinklers at least an hour. Then don't water that spot again until the soil is quite dry to a depth of one-half inch. If you do, you'll only defeat your purpose in watering.

Browning of a sunny lawn due to lack of water isn't in itself a serious matter. But it's important that the drouth isn't too long and especially that it doesn't extend into the fall, when grass should be making vigorous growth in preparation for winter. In northern United States, lawns should begin their fall growth early in September. If natural moisture is inadequate, water. Fall dryness may kill even drouth-resistant grasses. And as soon as grass is partially killed out, weeds come in.

ORDINARILY it doesn't hurt grass in sunny spots to be forced into a short rest during the heat of the summer by failure to sprinkle. But this may contribute to serious lawn damage if pests, such as the common white grub, are numerous in the soil. These larvae of the May beetle devour the grass roots so completely that the sod can be rolled back like a rug. Use 1 ounce of arsenate of lead to a gallon of water and spray the lawn. Except in bad infestations, vigorously growing grass will produce new roots more rapidly than the grubs can devour them. But if growth is checked by lack of water, light infestation may produce serious damage.

Drouth in shaded areas is much more critical than in full sunlight. Such spots are not full of life to begin with, so that a prolonged drouth is fatal. Therefore, it's wise to keep shaded lawns watered at all times to keep the grass growing vigorously.

IF YOU would have a beautiful lawn, provide good soil, so the best seed money can buy, feed at proper intervals with a balanced plant food, cut the grass long, water thoroughly but less frequently—and let in a little air and sunshine.

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**We Wanted
a Hidden Garden**

[Begins on page 76]

are planted native shrubs content with shade—dogwoods, gooseberries, wahoo, and coralberries. In front of these bloom a long succession of shining, golden-faced daylilies.

When May runs into June there are big, splashy, scarlet Oriental Poppies and blue veronicas hanging down like embroidered shawls over the faces of the rocks. The native columbine is naturalized here and shakes its little red and yellow bells wherever it pleases, as gaily as ever on much higher cliffs. The vertical crevices between the stones are packed tightly with big families of sempervivums. There's a time when lilac-tinted phlox spills down like flowery glaciers and Cream Violets bloom in wide masses. Little *Viola odorata* early pre-empted all the corners along the path's shady side.

WHEN the flowery high tide of June is passed, it's still an alluring place, for at the far end and beginning close to the base of one of the huge willows we adroitly piped a tiny stream of water to well up like a spring. It comes stealing out, twisting this way and that until it trickles under a miniature stone bridge and tumbles into a shadowy pool.

How the birds do love that pool! It's shallow and pleasantly irregular, with two deeper depressions well away from the sides for retreats for the goldfish. The fish also favor the watery cave below the dripstone over which the water makes its last leap. And the little rill does talk so prettily it's worth the time of the wisest to stop and listen. The chipmunks flip into their private cavern hidden among the upper rocks at our approach, only to re-appear and pretend they never noticed us at all. And baby chipmunks playing outside their own cave door—did you ever see anything cuter?

SIX- and eight-foot lilacs were moved in to crown one of our newly built heights—a fine Emile Gentil which is a really excellent blue, and a foamy, cream-white Madame Casimir Perier. For pleasant contrast with the big lilac leaves we planned for two shapely Colorado Junipers selected for their fine blue color, a tall one and a very short one, to stand close by on the very peak of the promontory bordering the "gorge."

Height once gained by piling up the bank has been carefully preserved. The tallest shrubs line the very rims of the banks. The bold faces of the larger stones aren't hidden or "planted out," as so often happens. But in front of them we've established such rug-like plants as the flattest of the veronicas, Whitelgrass, miniature sedums, and populous colonies of sempervivums.

ALL THIS adds, more than you'd think, to the feeling of seclusion—of being down between sheltering walls, as you walk along the comfortably graveled path where there's no stooping necessary to look the posies in the face.



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We invite you to try at our risk, the amazing new discovery **Mirakle-Gro Vitamin B₁**, on your indoor or outdoor flower garden. Be prepared for surprising results! Others by using Vitamin B₁ have grown 5 inch Tea Rose blooms, 8 inch Begonias, Daffodils big as salad plates, Snapdragons 6½ feet tall—transplanted a Baby Rambler Rose with 65 buds without losing a single bloom.

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Tuliptime!

NEXT MONTH Fleeta Brownell Woodroffe comes along in the nick of time with some suggestions on growing tulips. For one thing, she tells you how to make it appear as if you have more tulips in your beds than you can actually count. For another, she gives you the lowdown on the war's effect on bulb prices and supplies.

Next month, too, we bring you a dia-dramatic feature on landscaping. What is good and bad foundation-planting? What are the 12 solutions to such landscaping problems? How do you accentuate certain features—give a cottage look, a stately look to your house? The answers—in next month's *Better Homes & Gardens*.

At Last I Have a REAL Terrace

[Begins on page 56]

boys who had to wait their turn at digging eased their impatience by carrying bricks—nice old mellow-looking bricks they were, that blended with the ancient pickets and our board-and-batten shack.

OUR SON, meanwhile, had an inspiration of his own. At the corner of the house, right at the entrance to the terrace, a leaky hydrant poked out of the ground like a sore thumb. Son suggested that we use a little pile of leftover bricks to hide the pipe and inclose a crockery "fountain." In the damp soil around the fountain we planted an umbrella-plant and some elephant-ears. In the hot summer months they grew to tropical size. We recently had a guest from Africa and he declared they did justice to their mother country.

PLANTING the terrace was as much fun as building it. Mine was the honor and the glory—and the work. In the angle of the house where the sun never penetrates, and the soil is musty with accumulated leafmold, I put ferns of various kinds, and begonias, and violets. At the base of the apple tree we left a tiny plot of ground in which I planted ivy and ferns, and a few spring-flowering bulbs. In the narrow border between the bricks and the pickets on the east side I set out a variety of shade-loving plants—English Primroses, forget-me-nots, lobelia, columbine, and Chinese Sacred-lilies. Behind the fence, to make a screen for privacy, we put a trellis which is already almost covered with honeysuckle. Along the front of the picket inclosure I planted a carefully planned bed that greeted the spring with tall larkspur and callas and will end the year with chrysanthemums. This year one of those accidents that make gardening so interesting has happened: a gourd came up at the very edge of the

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bricks. Before long it had sent its vine the length of the fence.

The whole wide border to the street is so planned that all summer and most of the winter we can sit on the terrace and look out on a mass of bloom. Just now, as I write, the bees are having a banquet on white aster nectar, while the hummingbirds are monopolizing the trumpets of Scarlet Sage. The daffodils are just bursting thru the ground beneath a mass of petunias.

IMAGINE eating your lunch behind a screen of blue larkspur and pink petunias! Imagine a huge bed of petunias so near that the air is filled with their elusive fragrance. All thru the summer the only meal we eat in the house is an occasional breakfast. Somewhere the hose is always throwing a cool spray that inspires the robins and mockingbirds and sparrows to put on a marvelous exhibition.

Shrub cuttings I planted across the front of the lot, coaxed along with copious watering and feeding, have grown with such speed that our front yard is one of seclusion. It's quite impossible to see the inside of the terrace from the street, and equally impossible to see the street from the terrace. The conditions could hardly have been less favorable, our terrace is a huge success.

We've quit wasting today in day-dreams of accomplishment and perfection tomorrow. If perfection comes, let it come. We'll greet it gladly from our terrace.

Easy to Make

[Begins on page 102]

school workshop where you might go.

Make the legs first and fit them together in a mortised joint; the pairs are then joined by the 3-by-3 piece and drawn snug with the wedges at the ends.

Now build the compartment that fits between the legs, and which is screwed to them as shown. Hinges are recessed to lie flush with the top edge of this compartment.

The table top requires the most exacting work, since it's made up of a number of boards which should be so neatly fitted and glued that no joint will be visible. Slotted or "rabbeted" strips across the ends prevent warping or splitting.

This type of table is best adapted to an antique finish or a dark stain, with filler and wax; or varnish if you prefer a glossy surface.

Working Drawings

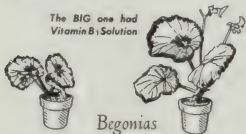
Working drawings and instructions for making tables and novel serving equipment for home and garden are obtainable from *Better Homes & Gardens* by sending 10c for each set to 5204 Meredith Building Des Moines, Iowa. Also send 6c for leaflet "Easy to Build," which pictures and describes a number of items you can build for your home and garden as well as several attractive gardenhouses for which working drawings are available. For 26c you get two plans and the leaflet

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The BIG one had
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Street.....
City..... State.....

Garage Summerhouse

By R. C. Kiley

THE great American custom of living out-of-doors during hot summer months is gradually becoming more difficult with the increase of pests such as mosquitoes. In seeking to solve this problem I found that to build a screened-in porch on the house or to construct a summerhouse would cost anywhere from \$100 to \$300.

I also found that an outdoor room attached to the house didn't always have proper cross-ventilation and



The side walls were screened,
spaced according to the studding



The shutter in the rear opened



Original door fitted with screens

was therefore hot when needed the most; yet to build a separate summerhouse is expensive.

In seeking a solution to this problem, it seemed that the average family supported only one car but often had a two-car garage, one half of which was used to collect all manner of seldom-used articles.

ALL this reasoning seemed to suggest using one half of the garage for a summerhouse. And why not? The floor was cement and could be painted and a straw rug used. The two double doors together with the siding removed for the screens could be used for the partition to separate the garage portion. Also, the ceiling for the screened-in portion would provide ample storage space above, where seldom-used articles would be out of sight.

In working out the details the two double doors were used for the

**EASY FOR
MOTHER**

**EASY FOR
YOU**

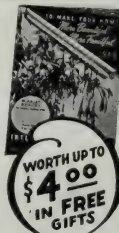
THERE is nothing new about Sani-Flush. It has been used for 28 years to do this job. It is still the easiest and best known way to keep toilet bowls sparkling clean and sanitary.

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CLEANS TOILET BOWLS
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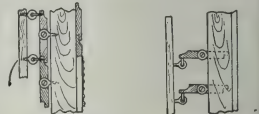
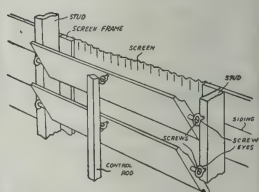
THIS COUPON, WHEN ACCOMPANIED BY ORDER FOR NURSERY STOCK, ENTITLES PURCHASER TO TWICE THE PREMIUMS OFFERED PER SCHEDULE ON PAGE 7, 1940 INTER-STATE CATALOG. BELOW IS NAME OF FRIEND WHO PLANS TO BUY NURSERY STOCK.

Name of Friend.....
Address of Friend.....

partition, as seen in the accompanying views, but were merely fastened in place so they could be changed back easily. Also, the opening at the front, after the two doors were removed, was fitted with a frame that supports the screen door as well as the two small screens. The entire frame can therefore be removed easily and the large double doors replaced, should we ever decide to change back to a two-car garage.

IN REMOVING the siding for the screens a portion two feet high was left at the bottom, and a one-foot portion at the top. Also, a portion from each corner to the first stud was left for strength and appearance. The studding on the side was about two feet apart, so every other stud was removed to make the screen panels about four feet wide by five feet high.

At first we didn't think it would be necessary to open the rear wall,



A ventilating shutter of this type was built to provide cross-ventilation on extra-warm or muggy days

as we wanted some protection from the weather, but when the hot days came we found it was desirable, for cross-ventilation, to open it at all times. To accomplish this a form of Venetian blind was made that could be partially closed as desired. To make this blind, one central stud was taken out and then the siding between the two adjacent studs was removed, making an opening about four feet by five. The same siding that was removed from this end was used in making the blind. Each length of siding, which was about four feet long, was pivoted at each end with a screw and screw eye as shown in the sketch, and attached one above the other to the studs at both sides of the opening. A center control rod was provided as a means for keeping all the blades uniform and to permit tilting all the blades simultaneously to any degree desired.

IN ADDITION to the many advantages when used as a summerhouse, we have left the screens in place during the winter and have provided a clothesline inside where clothes can be hung to dry and where they are protected against rain and snow as well as against soot or smoke.

The entire cost of material didn't exceed \$30, and even this amount could be reduced by fastening the screen in place instead of making the usual removable frames.

GET A THRILL MOWING YOUR LAWN

• You simply take the handle, turn on the power and away goes the Lawn Queen, leaving in its wake a lawn as smooth as velvet. A high school boy or girl can operate it—and have fun. A fine mower at a low price—built by America's foremost power mower manufacturers. Has 20-inch cutting reel. Mows half an acre of lawn in 30 minutes.

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A complete line of power mowers—20 to 60-inch cutting widths—for homes, parks, golf clubs, cemeteries and estates.

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771 Washington Ave.
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TRY VITAMIN B-1 PLANT MAGIC! FREE

Amazing results reported—5 inch rose buds—Daffodils big as salad plates, giant Tulips, Dahlias, House Plants, trees, shrubs, perennials transplanted without shock with Vitamin B-1. To introduce our Northern Seeds and Plants, we offer our 1940 catalog describing new varieties for garden, orchard or farm, with free B-1 Plant Magic enough for 9 gallons solution. Send 6c postage for mailing and name of nearest dealer.

FARMER SEED & NURSERY CO., 223 4th St., Fairbault, Minn.

GROW BABY GOLDFISH IN YOUR POOL.
5 CHOICE WATER HYACINTHS. 1 Pound \$1.00
100 HARDY WATER LILY. 1 Bushel \$1.00
Lakewood Water Hyacinths produce magnificent spikes of coral-colored flowers. Longest selling Pool Plants because best for Goldfish, spawning. FREE 24-page BOOK, tells how—lists 200 items. Dealer inquiries also, subject to 25¢.

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Cuts grass 3 1/2" to 6", weeds 4" to 2 1/2" ft. Only five minutes to change units. Also weed trimmer. 18" \$75.00. Electric 18" \$69.50. Sickle Bar type \$150.00. Write for circulars.

STEINER PRODUCTS CORP. 344 Cottage Ave., St. Louis, Mo.

WATER GARDEN PLANTS
Collection B-10 consists of 6 healthy plants that should be in every pool. Marvellous value—6 for \$1.00 postpaid.
FREE—Beautiful plant water lily with each B-10 Collection for limited time. Express bill money order to grow. Guaranteed to bloom.
3 Bulbs 25¢; 15 for \$6 postpaid.
Also 3 Irish Juniper, 1 1/2" high, bushy trim, \$1.00 postpaid.
VILLA PARK EVERGREEN COMPANY
520 So. Princeton Ave., Villa Park, Illinois

BLUE SPRUCE \$1
Six-year old genuine Colorado Blue Spruce. Bushy trim, twice transplanted. Average height 1 ft.
3 for only \$1.00 Postpaid
Also 3 Irish Juniper, 1 1/2" high, bushy trim, \$1.00 postpaid.
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Chrysanthemum Plants
of superior quality are our specialty. Write for our free 1940 descriptive catalog listing large assortment of selected varieties. Contains cultural suggestions.
Standard Chrysanthemums, 1327 Fairview Ave., Arcata, Cal.

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W. Atlee Burpee Co., 419 Burpee Bldg., Philadelphia

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Roulette. Dainty pink buds, large, long, hardy, always blooming, 25¢ ea. postpaid. Also 3 Irish Juniper, 1 1/2" high, bushy trim, \$1.00 postpaid.
HELLER BROS. CO., Box V-4, New Castle, Ind.

Make These OF DISH TOWELS



Apron. Make it of one dish towel and about 5 yards of bias binding. Fold towel lengthwise and make top of bib about 7 1/2 inches across. Measure down 9 inches on outside and clip off corners. Our red, white, and blue dish-towel apron has halter and ties sewed two thicknesses of bias tape, a red and a blue. Use a clipped-off, triangular corner to make the pocket.

Easy-to-empty laundry bag requires but two 17- x 30-inch dish towels (ours have gay red and blue stripes) and 3 yards of red bias tape! Make vertical, 12-inch slit at top of the front towel for bag opening, trim 4 inches from this towel's bottom, and lay towels together so second towel will have free bottom flap to be buttoned over top towel (then unbuttoned to empty laundry). Bind all around with 3/4-inch bias tape. Embroider "Laundry" on top towel, slip in clothes-hanger, and it's ready for service.

A six-pair shoe bag takes one 30-inch towel for backing; 1 1/2 towels, cut lengthwise thru the center and box-pleated, to make the horizontal shoe-pocket tiers; and about 5 1/2 yards of 1/2-inch bias tape. It hems the pockets, strengthens their lower edge, and outlines the shoe bag. There are 4 plastic rings for hanging. (Towels from Cannon Mills, Inc., 40 Worth St., New York City.)—A. J. O.

VITAMIN B1 IN THE MOST EFFECTIVE FORM

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Patents Pending
The Balanced Vitamin-Hormone Stimulant

Made by the producers of ROOTONE, the nationally accepted hormone powder for cuttings and seeds

TRANSPLANTONE is a soluble powder containing Vitamin B-1, Vitamin C and other vitamin chemicals which intensify the activity of the B-1. It also contains naphthylacetamide, the newest and most widely active plant hormone.

The hormone starts roots, the vitamins continue their growth. All reduce shock and wilting.

EASY TO USE

One ounce makes ten gallons of transplant solution or one thousand gallons of solution for weekly watering of plants. Booklet with each package.

WHERE TO USE

Shrubs, seedlings, trees, rose bushes, garden plants—all should be treated with the transplant solution when planted or moved. For continued vigor, water once each week with the dilute TRANSPLANTONE solution. Shaded lawns and backward house plants need this weekly application.

1 oz. can \$5c
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AMERICAN CHEMICAL PAINT COMPANY
Horticultural Division 6-3
Ambler, Penna.

Enclosed find \$1.00 for which please send me prepaid one 3 oz. can of TRANSPLANTONE.

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200 Blackmore & 100 Gem Everb'g Strawb'y.	\$1.75
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500 Asparagus, 12 Rhubarb & 6 Horseradish.	1.00
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Branded 2 ym. 4 ft. tree (Fragrant). Order from ad.	58 ym. in business. Outstanding colored catalog FREE.

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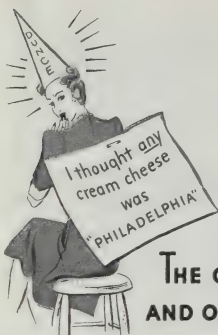
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**For The
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- earlier germination of seeds.
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- blooms on plants that never bloomed before.

2000 GALLONS OF VITAMIN B-1 SOLUTION COST ONLY \$1

Thompson's Vitamin B-1 is inexpensive—easy and simple to use. A dollar's worth (100 milligrams) makes 2000 gallons of solution.

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CHAMPLAIN VIEW GARDENS,
Elmer Gove, Box 2-B, Burlington, Vermont

THE MAN



REG. U. S. PAT. OFF.

NEXT DOOR

Probably the best behaved man in town was the lawyer in the next block, until his wife began to act jealous about nothing and put ideas in his head.

Maybe April Fools' Day would be vastly funnier if the merchants tactfully held their bills back until the second of the month.

Alas, these are decadent days when a wife can merely phone the drugstore to send over a box of candy, instead of waiting until her husband brings home a box with a knightly gesture.

It gives me a queer sense of immortality to look at our new baby and reflect that in the year 2000 he will be just 60 years old.

Why, if he plays his cards right, our grandchildren may be alive in A. D. 2100.



"...the time might better be devoted to spelling"

Some of that harassing feeling of psychic insecurity which bothers people, without their knowing what causes it, must be due to small loose rugs on highly polished floors.

"Swing music," says Les Gowan testily, turning off his radio, "is produced by players who hate music and can't carry a tune, for the entertainment of people whose ear for music is bad."

When a father signs his child's school report card he feels, at a rough estimate, somewhat more important than the President when he signs a new law.

AND MOMMY SAYS IT'S JUST LIKE 'ELECTRIC LIGHT!

YES, ELECTRIC WATER HEATING IS FLAMELESS, FUMELESS... SO IT'S SAFE, CLEAN, CAREFREE!

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WORKS AS YOU WALK!

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53-PERENNIAL PLANTS \$1.10

Field grown, large blooming size plants—13 all double varieties including: Achilles, Aquilegia, Anemone, Camassia, Delphinium, Clematis, etc. 2-40. PYRETHRUM and ICEBERG DELPHINIUM FREE IF YOU ORDER NOW. Plants shipped in strong boxes. SATISFACTION GUARANTEED.

NOVOTNY GARDENS, OSAGE, IOWA

Alas, it takes the average husband 10 years to find out that one of the few certain ways to please his wife is to rub her back.

The most suspicious man in our block is the rich man across the street. "I've had servants long enough," he says, "to know that they always serve the roast with the best part at the bottom of the platter."

Some of our neighborhood weather experts say March is the nastiest month of the year. But I've found that any month with any weather is pleasant—if you're outdoors in it enough.

These days the house is always strewn lavishly with the tots' crayon drawings. Some of them are, of course, better than Picasso—but still I doubt that the time wouldn't be better devoted to arithmetic and spelling.

In one way a few of the men in our town are like the women—they are spiteful about those of the opposite sex whom they can't attract.

After some experience with guests at large parties, the b. w., bless her, can forgive women who peek slyly into clothes closets. But she isn't reconciled yet to acquaintances who look into our refrigerator.

"My husband and I have a password," confides Phyllis Gowan, "that we're supposed to use to end family quarrels. But I get so mad that I forget the password!"

That reminds me that we agreed on our honeymoon that if the impossible happened and we ever had a quarrel, I was to play "I Can't Give You Anything But Love, Baby" on the phonograph. But at the first emergency I broke it while putting it on the machine.

The girl next door is studying psychology in high school; and she has told her mother that there's a sadistic streak in women that makes 'em serve meals, once a week, composed entirely of things that no one in the family wants to eat, no matter how good for 'em.

Our friend around the corner who brags that he can read the paper and listen to the radio while conversing with his wife found to his astonishment the other day that he had agreed that she needs two or three new dresses.

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Already famous for the comprehensive presentation of reliable home building materials, equipment and furnishings, Home Owners' Catalogs now includes a large new feature section which leading architects describe as the most constructive method yet devised for helping owners to determine with accuracy their individual housing requirements. This valuable guide offers a method of analyzing the needs of every member of the family—what they must have, should have or would like to have in the way of living accommodations; of covering the most ideal arrangement of floor space for each individual room; of determining the best relationship between the various rooms; and finally, an easy way of summarizing first and second choices of products to be used in each room—and the house that will enclose them. Home Owners' Catalogs—including the "Guide To Home Planning" will be sent by mail, prepaid—without cost or any obligation—to those who comply with the restrictions in the coupon below.

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119 West 40th St., New York, N. Y.
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BH&G-440

Name.....
Street.....
City.....
State..... Phone.....

Only the very poor and the very rich Americans have fences around their yards; the average American lives in a sweep of unfenced lawns.

+++

Quite a few wives have a special tone of voice they use only for ordering groceries—a voice they never use for anything else.

+++

I get my keenest awareness that winter is passing when the first April thaw reveals the same deep footprints made on the lawn by a roisterer during the January thaw.

+++

It's one of the paradoxes of human nature that my small son, who picks up and handles everything in my room when he pays me a visit, just won't pick up anything in his own room.

+++

The real American hero is the man who can be a little extra jovial around the house when things downtown haven't been going quite as well as they might.

+++

Just to show her husband, the young bride in the next block made a list of the things she had to do around the house herself in one day, even if she does have a maid.

"Well," he said, "you probably could have mended my pajamas in the time it took to make that list!"



Loose rugs on polished floors—psychic insecurity

A happy marriage is a greater artistic achievement than many a painting or statue whose creator puts on airs.

+++

I have a new theory now about those cyclone cellars you see so often on the prairies. . . . Not that the pioneers were afraid of cyclones. . . . When a man's family got just about so big he just had to have a place to go for a few minutes' peace and relaxation.

+++

It's to some a consoling reflection that thousands of the imperiled girls of our dangerous "jazz era" in the early twenties will soon be grandmothers.

—HARLAN MILLER

Delicious Grapefruit —in a jiffy!

● Clever homemakers have discovered dozens of delightful ways to use Florida grapefruit!

They get the big, plump, fresh fruit for "on-the-half-shell" enjoyment; or the fine, firm, canned grapefruit sections that come all ready to serve "as is," or to spark up luscious salads, fruit cups and desserts.

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This is just one of dozens of grand grapefruit delights given in our new recipe booklet. Write for your free copy!

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2 YR. OLD FIELD GROWN

AMAZING INTRODUCTORY OFFER OF AMERICA'S FAVORITE ROSES!
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- 2 RED RADANCE (Best Red)
- 1 PINK RADANCE (Best Pink)
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- 2 BIRCHCLIFF (Vivid Pink)
- 1 BETTY SPRINGDALE (Candy-Red)
- 1 FREE-ROSEY (Red and Gold)
- 1 LUTHERBURG (Yellow-Apricot)

ORDER ROSE COLLECTION NO. 107
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PLANT MAGIC, Dept. 1, 707 Locust St., Des Moines, Iowa

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16 Trees \$1 POSTPAID
Special Offer: All Postpaid No. 1 is select trees 6 to 15 inches, 4 each of Cole, Blue Spruce, Scotch Pine, Norway Spruce, Red Pine, \$1.00 each. Trees same variety No. 2, 1 1/2 inch, \$1.00 each. Average, right size for \$1.00. 4 Star Tree Shrub, 10 to 12 feet, forest kinds. All labels, showing instructions enclosed. \$1.00. West of St. Louis add 50c on weight for Complete Cr. and MISSOURI FORESTS, INC. Indiana, Penna.

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This Prexy Bred Iris

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In 1929 he introduced Black Wings, Blue Banner, Morning Glory, and Andrew Jackson, all standard varieties now. Later came Desert Gold, Rob Roy, Hermitage, Summer Cloud, Violet Crown, Summer Tan, and At Dawning. One of his greatest, introduced in 1934, he called Copper Luster. This was a new tone for Bearded Iris.

Someone once asked Doctor Kirkland what was the difference between a chancellor and a president. "A president," he replied, "is an important man who goes about the country making speeches. A chancellor is just an ordinary fellow who stays at home and runs his university."

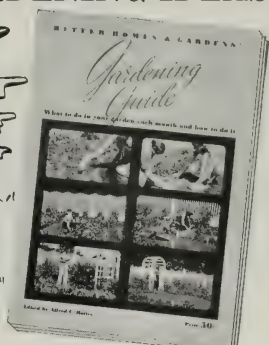
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FREE BOOK! Robertson Mfg. Co., Dept. B44, Michigan City, Indiana
Please send interest folder in color describing the 1940 Robertson Electric Lawn Mower.
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IT'S NEWS TO ME!

REG. U.S. PAT. OFF.

By Anna Joyce Olson

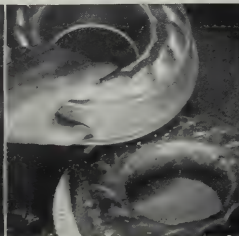
Photographs by Edwin A. Fall



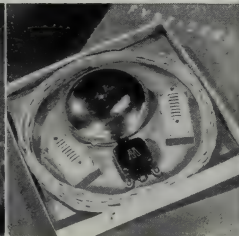
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1 To lessen lid-juggling, self-basting **hinged covers** rest upright on this cast-iron ware, yet unhook instantly. Because the same hinged lid fits several pans, cover alone is \$1.20. This black, 4½-quart Dutch oven, \$2.85, includes cover; 10½-inch chicken-fryer is \$1.10 without cover. Silverlike and chrome finishes cost more. Griswold Mfg. Co., Erie, Pa.

2 Rust-resisting, stainless-steel **garden-tools**, that stay shiny and slide into the soil easily, have ferrules and caps chromium plated, handles happily balanced and enameled. The set includes light spading fork, floral rake, 5-inch hoe, and spade that's a plant digger. *Garden Club True Temper*, with hang-up rack, \$15. The American Fork & Hoe Co., 1623 Euclid Ave., Cleveland, Ohio.

3 This 8¾-inch **aluminum mold** inspires a meat, fish, or spring-vegetable salad, self-garnished. To self-garnish a salad, mix 6 tablespoons of salad dressing or mayonnaise with ¼ cup of your gelatine solution, dissolved double strength, and fill the mold's decorative twist. After the twist is firm add salad ingredients to remaining, partially set gelatine solution of usual strength. The mold is *Wear-Ever*, aluminite stain-resisting finish, about 75c in stores.

4 To detect and **warn of fire**, low-cost *Fyre-Scout* has two thermostatic detector heads, a gong, parallel-strand wiring, all easy to install. With the heads at fire-danger points, as in the furnace room and garage—and the gong near the bedrooms—ringing will awaken even a sleeping household when any detector reaches 140 degrees. *Fyre-Scout*, \$9.95; extra detectors, \$3 each. Technical Appliance Corp., 17 E. 16 St., New York.

5 Swing the bedroom into April with new *Mardi Gras* pattern **spread and matching draperies**. Of a soft, non-wrinkling, homespun-type weave, fabric is colorful and tub-fast. This set has blue, red, and black embroidery on pale tan. *No. SJ8424*, full-sized bedspread, \$4 in stores; 36-inch draperies, 2½ yards long, \$4 a pair. Bates Fabrics, Inc., 80 Worth St., New York.

6 To **broil and serve** broiled foods sizzling, this ivory pottery broiler grill, blue-trimmed, is part of a gas range. It fits the range's broiling tray, then lifts to a chrome-plated, footed serving tray, to come to the table. Pottery dimensions are 12 x 14 inches and the set is handy for the broiling oven to be housed for the next steak. The Roper DeLuxe Model range comes equipped with *Prasant-Ware Broiler With Serve Tray*, costing complete about \$119; or the unit adds about \$5.50 to the cost of any other model. Geo. D. Roper Corp., Rockford, Ill.

7 The **dog** that sleeps in this **bed** rests on a spring raised from the floor's cold. He's draft-shielded with heavy duck sidewall that slips off easily for a thorax scrubbing. Notice

the cushion's slide fastener, so the cedar-shavings filling may be renewed. Rubber feet make *Puppy-bunk* non-skid and protect the floor. Green or rust, 24-inch size, \$5 or less; 26-inch, about \$6. The Andrew B. Hendryx Co., New Haven, Conn.

8 Be froufrou in draping this enameled birch **dressing table**, 40- x 20-inch kidney-shaped top, yet feel practical! For, as **extra duty**, its four shelves make happy hideaway for shoes or other storage. Plus three drawers and the sliding, removable cosmetics tray. A divided skirt will swing with the wings in the picture. *No. T-37*, tints or black or white, without skirt, \$34.50. Dillingham Mfg. Co., Sheboygan, Wis.

9 And now we're "Gone With the Wind-o," for here's a licensed, modern adaptation of a drapery effect pictured in "G. W. T. W." For your period window or as a practical treatment across a window group, this **drapery fixture** is wood, has festoon rings for a swag valance. It's finished in white, eggshell, mahogany, gold walnut, and cut to fit. A 4-foot wood-pole set, including 3 festoon rings, *No. 49374*, is \$4. Kirsch Co., Sturgis, Mich.

10 Tomato Crystal White makes its garden bow—a plant similar in many ways to Golden Ponderosa. But the **tomatoes are white**. A seed packet, 25c. Peter Henderson & Co., 35 Cortlandt St., New York.

11 Interesting news that a **blanket** is made wholly of rayon fiber except for a small amount of wool, and graduates to your home after tests

have proved its construction of generous warmth and wear and tear strength. With soft, long nap, and satin binding, it's in the pastel tints; 6- x 7½-foot size. And that's 6 inches longer than you would expect. *Purrey*, \$5.95. Nashua Mfg. Co., 40 Worth St., New York.

12 To **quiet door rattle or slam**, three tiny rubber cushions put into holes drilled in the frame compress when door is closed. *Pneumatic Silencers, G-J 64* for metal frames, *G-J 65*, for wood; \$1.20 doz. in hardware stores. Glynn-Johnson Corp., 1821 Berteau Ave., Chicago.

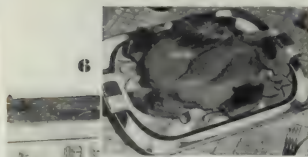
13 For your **kitchen** a 6- x 20-inch **vertical mirror**, quite adequate for a peek and a pat, has bottom strip of frosted glass. On this, jot yourself a reminder or a grocery list. Wash it off easily. *No. L4*, \$2.75. The Nurte Companies, Inc., Bloomington, Ind.

14 Solve the chore of making a tiny dab of custard for baby or the special-diet adult, and have a serving on hand when you need it, with **canned custard pudding**. Of 4½-ounce size, 3 cans cost 25c. Gerber Products Co., Fremont, Mich.

15 You'll see red and like it on a transparent **glass measuring cup** that has clear red markings not only for cup portions but for ounces. Heat-proof, it's fine for hot liquids. Pyrex brand glass, 15c. Corning Glass Works, Corning, N. Y.

16 For windows where the summer sun beats strongly, an **ingenious Koolshade** fits like a window screen, and replaces one, keeps temperature lower within the room.

On the principle of a Venetian blind, miniature, horizontal, bronze strips, 1/16-inch wide, are finely interwoven with vertical wire and are fixed at a clever, permanent angle so that, as the sun rises, more and more direct rays are blocked. Thus, during the heat of the day, *Koolshade* automatically protects the most. About 40c to 50c a square foot. Ingersoll Steel & Disc Div., Borg-Warner Corp., 310 So. Michigan Ave., Chicago.



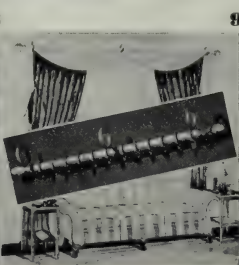
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Better Homes & Gardens

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2. TAKE THE LUXURY RIDE



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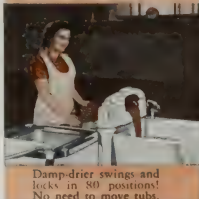
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Clean as a whistle! Long-life insurance for collars, silks, finery.

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"It's his second...let's ask him why he picked a Servel Electrolux this time!"

"Uncle Harry's a smart old boy," says Mary to me. "If he chose the refrigerator that freezes with **NO MOVING PARTS** for his *second* . . . maybe we should choose it for our *first*!"



1 "No moving parts to wear," he explains, when we ask him, "How come?" "You see, this freezing system hasn't any machinery. It simply can't wear or lose efficiency. And that means there's nothing to cause noise, either. . . just listen!"



2 "Can't hear a sound, Uncle," we agree. "Is Servel Electrolux *always* silent like that?" "You bet it is," he tells us. "And it's the *only* refrigerator I know of that is. You don't hear anything now—and you never will."



3 "Look at these savings, too!" he beams, showing us his bills. "They're *something*. Other refrigerators may be pretty inexpensive to run when new, but I can tell you it takes one without moving parts to keep right on running for just a few cents a day."



4 "A tiny flame does all the work," adds Uncle Harry. "That's Servel's secret. And should the gas flame ever need adjustment, you can depend on your own gas company for prompt service facilities. Do you wonder I changed to a Servel Electrolux this time?"

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2. Will it give us longest service?
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6. Can we—right now—afford it?

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Important

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—Samuel G. Bell, 5248 LeMay Ave., Detroit, Mich.



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ACROSS THE Editor's Desk

REG. U. S. PAT. OFF.

MOTHER'S DAY, in May, is a simple festival of gratitude within the family, an acknowledgment of a debt that can never be discharged. The members of the family, wherever they may be, still within the home or out in the world for themselves, unite in appreciation of Mother and the sacrifices that make home possible.

On this day a Thank You is said which was forgotten on other days, and whatever may be the language of her children, Mother understands. Some little gift, a letter, a card of greeting, a visit, a bouquet of flowers—these are the varied currencies of appreciation. And their value surpasses the material. For it is human value—without money and without price.

On Mother's Day, too, what seems to be trivial has an importance beyond itself. Life is lived amidst irritants—worries, misunderstandings, disappointments—and under this friction, day by day, the bond of kinship that binds brothers and sisters sometimes wears thin, and there may even be estrangements. The most satisfying of all pleasures to Mother is absence of jealousy and ill-feeling among children who are dear to her heart, and on Mother's Day shadows may be dispelled by a word—even by a gesture.

MOTHERHOOD is also much more than a sentimental romance, however inspiring to artist and poet. It has a significance that, the wide world over, is of incalculable importance to society. For it means that the first impression of a child as it enters on its earthly career isn't an environment of hostility, or suspicion, or danger, but of welcome, and this first impression influences the mentality of the race.

Making good that first impression in later years is the task of Mother, and to be a successful mother is thus the greatest of all vocations. Textbooks are written on child psychology, and very interesting some of them are. But mothers had been child-psychologists thousands of years before a word on the subject got into print, and it is Mother, even today, who has to apply the theories. She may not know just why she acts as she does, yet her instinct is usually right.

BUT A DISCERNING MOTHER doesn't try to *own* her children. She acts as a trustee for citizens of the future, and her cares are a fulfillment of that trust. No prudent mother seeks to shield her children from the claims of society. Her aim, instead, is to make sure that they are equipped to meet those claims. She believes that spoiled children are advertisements of her failure to adjust sons and daughters to the world.

Nor does the wise mother allow herself to be *owned* by her children. She insists on being treated with respect and thereby teaches that respect for others which is the basis of civilization. And by enriching her mind with knowledge of what is going on around her, she becomes the comrade of her children in their education and development of interests. So as the pioneers advance along the highway of the future, she has her seat in the covered wagon. Hence when the task of rearing is finished, and society absorbs the mature boy or girl, Mother's influence continues.

MOTHER, LIKE ALL OF US, is encouraged to do her best when she is made to feel that she is worth while—that toil and trouble aren't in vain—that effort is showing results. She is, for example, never as happy as when she says to Father, "How fortunate we are in our children!" And what rewards her isn't wealth or success achieved by sons and daughters, however gratifying these may be, but qualities of courtesy, affection, sympathy, and thought for others. These are the winning qualities of which society can never have too much, and by displaying them, children on Mother's Day acclaim Mother's Victory. *Editor*



Verse by Minerva Hunter; Photograph by Will Connell

I planted all my garden seeds
 Here in a nice, straight row;
 And then I settled down to wait,
 To watch my garden grow.

I planted them at ten o'clock,
 And now it's nearly three.
 Those must have been bad garden seeds
 My brother gave to me.

GARDEN SEEDS

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Name _____

Address _____

THE DIARY



of a Plain Dirt Gardener

REG. U. S. PAT. OFF.

By Harry R. O'Brien

Caricatures by Tom Carlisle

worms. David worked hard, too, cleaning up the perennial bed.

May 4 This afternoon I began dividing up old plants to make new ones.

May 1 By spells, the life of a PDG is hard and full of woe. As I did look outside, the bright sun caused my eyes to blink this morning, and then I saw, to my horror, that the ground was covered with white hoar frost and even unto the comb of the garage roof was the whiteness displayed. Whether any damage has been done will be disclosed in due time. Then visitors have begun to come. They have already been here this spring from Pennsylvania to Illinois. I am pleased that they do come. But sometimes these said visitors turn up their noses at the state of my garden.

Now I know that it rained 21 days out of the past 30 and work couldn't be done. I know that I have the roses doing famously. I know that the new perennial bed is practically planted and the plants therein are away to a thrifty start. I know that a good bit of spading is done for future spring planting. I know that the annuals sown in the frame are well up and coming.

But none of these count with some visitors who can see nothing but color and who will note a few mustard weeds in bloom that I haven't hoed out yet, and make a snooty remark. I know that the new peony bed I worked so hard to get planted last fall is full of reddish tips springing up—but the visitor sees only that the edges of some of the paths haven't been trimmed yet. But be patient, friend. Come back in three weeks and take another look.

I went on to follow the same method with a clump of *Armeria laeuchana*, or thrift, and a clump of perennial cornflower. At about this point I discovered, as I knelt to plant, that my knees are tender. So I quit, and turned to a stand-up job. I'll renew this propagating day after tomorrow, maybe. There are many perennials which can be increased in this manner.

I hope I haven't hoed out some flower," Maggie said



"I hope I haven't hoed out some flower," Maggie said

May 2 When worktime came tonight, I tackled the big spring chore of digging over the old peony beds. I didn't finish, for I quit to go over the rose beds with the wheelhoe—a job I can do that way in the spring, for I have my roses planted in rows. They have already been gone over once. Then, a spell of spading—with Alexander, the duck that lays eggs, under my heels and spade as usual, looking for

May 5 Now it is warm again, like unto summer, and as I swung the mattock hoe in the peony bed, the sweat ran from my brow so that I had to hang my specs on a nearby shrub. But with much use of bandanna and much resting, I managed to get one peony bed cultivated and some work done on another. Also I hornsogged David into cleaning off more dried tops of Siberian Iris. He mumbled that all I ever have him do is clean up. "Why can't I haul something in my wheelbarrow?" he growled.



"Sometimes visitors turn up their noses at my garden"

May 6 Now it befell that this Saturday a miracle did happen, right before my eyes. As David and I were working away to cultivate the big perennial bed across from the roses, out came Maggie, strolling along. And I could scarce believe what I saw. She picked up the [Turn to page 120



181 INCHES FROM FRONT OF GRILLE TO REAR OF BODY



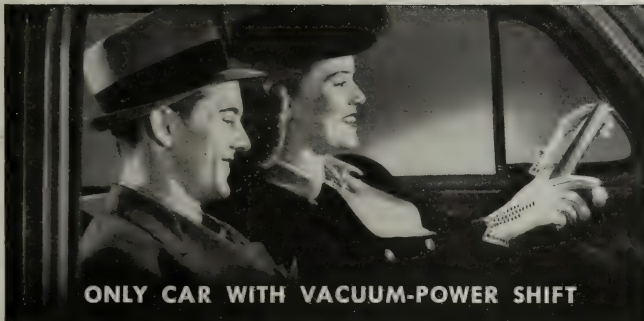
The Special De Luxe
Town Sedan, \$761*

AMONG LOWEST-PRICED CARS

"THE LONGEST OF THE LOT"

Eye It!

You have only to eye this new Chevrolet with its smoothly modeled Body by Fisher and smartly streamlined "Royal Clipper" Styling to know that it's the most *beautiful* car of the year . . . that it's the *longest* of all lowest-priced cars . . . and that it's also the most *luxurious* car in its field, with item after item of de luxe equipment at no extra cost!



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You have only to *try* the new Chevrolet to know that it *out-accelerates*, *out-climbs* and *out-performs* all other low-priced cars . . . that it's the *easiest* car to drive, because it alone has the Vacuum-Power Shift, which supplies 80% of the gearshifting effort—*automatically* . . . and that it's also the *easiest-riding* car in its price range—the only car with "The Ride Royal.*"



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Other models slightly higher

*All models priced at Flint, Michigan. Transportation based on rail rates, state and local taxes (if any), optional equipment and accessories—extra. Prices subject to change without notice.

*On Special De Luxe and Master De Luxe Series.

HANDS OF MRS. P. R. SMITH AFTER MAKING
ONE-HAND TEST OF DISHWASHING SOAPS

THIS HAND IN SOAP Z.

For 20 minutes, 3 times a day, Mrs. Smith placed her right hand in suds from Soap Z. General dryness and coarseness were noticed on the second day. At the end of 8 days, the hand looked red, rough, extremely unattractive, as you can see.

ACTUAL
PHOTOGRAPH

THIS HAND IN NEW QUICK LUX.

For exactly the same time, Mrs. Smith placed her left hand in new, quick Lux suds. She used no lotions or creams. At the end of the test, her Lux hand was still smooth, white and lovely-looking.

Dramatic One-Hand Tests Prove Lux Kinder to Hands

Hundreds of women made these tests of 5 soaps widely used for dishes, under conditions similar to home dishwashing. The tests proved Lux milder than any other soap tested!

New Quick LUX saves you from red, rough housework hands—

WOMEN ARE THRILLED about new, quick Lux for dishes! "We didn't think Lux could be improved," they say, "but new, quick Lux is even more wonderful. It's so fast!"

SO THRIFTY, TOO! New, quick Lux gives more suds (ounce for ounce) even in hard water than any of 10 leading soaps tested.

SO GENTLE! Hundreds of one-hand tests like Mrs. Smith's above prove how kind Lux is to hands. Use new, quick Lux for your dishes. Get the generous BIG box!

Mrs. Richard
C. McAdow, Jr.,
St. Louis, Mo.

NEW QUICK LUX
SUDS IN A SEC!
IT'S THRIFTY, TOO
—AND SO KIND
TO MY HANDS

New
Quick
LUX

In the same familiar box—
at no extra cost to you!

Curtains Take to the Corners

Maynard L. Parker



Modern in conception, this corner window in the attractive home of Mr. and Mrs. Arthur Hornblow, Jr., of Los Angeles (she is Myrna Loy, of "Thin Man" fame), adapts itself to traditional furnishings. The low room takes on height from a cornice reaching from window top to the ceiling, the draperies hung to let in all the light

By Josephine Bessems

WHEN we were very little, and were naughty, Mother used to tell us to "Go stand in the corner!" Nowadays we're telling that to our windows. Too long have they been allowed to puncture walls in the most inconvenient places and interfere with furniture-placing.

Our present-day cry for more natural light and air and sunshine is bringing us larger windows. If two large windows meet in the corner of a room, we enjoy the combined view and breezes from two directions. But at the same time, we're faced with quite a different problem of room arrangement than when each window stood sedately by itself in the middle of its wall.

CORNER WINDOWS are the child of modern architecture, but so popular have they become that they are being adapted to traditional homes as well, both new and remodeled.

So how about curtaining these corner windows? There's an array of clever ways we can do it.

When two panes of glass meet in

the corner with no wall or woodwork separating them, or when there's just the casing between, it's the wisest plan to treat the two windows as one unit. More of the outdoors is brought in if there's no drapery in the corner, and the view comes to you all in one piece.

IT'S BEEN handled this way in the photograph. That cornice—could be of painted wood, mirror glass, or wood covered with the drapery material—ties the two draperies together and masks the tops of the Venetian blinds. Or hang sheer glass curtains in place of the blinds. Or do away with the need for either blinds or glass curtains by making your draperies wide enough to be drawn over the windows. Traverse rods are ideal for this. Install them so that you can draw the draperies separately, better controlling the light. If the room is low ceilinged, apparent height can be added by raising the cornice to the ceiling, the blinds concealing the bit of wall between the cornice and the window top. If the windows could be widened without losing their good proportion, you may wish to extend rods and cornice out onto the walls several inches. Thus [Turn to page 80

SHALL WE BUILD?

RENT?

REMODEL?

Shall We Buy?

Buy a Site Now?



THE next six months offer you savings that probably won't exist again for years. • Cost of materials will probably rise. • Labor costs will climb, labor efficiency drop. • Building lots will cost more. • Interest rates will probably rise. • Rents will go up.

By Roy Wenzlick

Editor's Note: If you can buy a thing for five thousand, you're foolish to pay six.

If you can buy or build a home now for six thousand, you're foolish to pay seven.

But it looks as if you'll pay seven if you wait a year or two. Because in a few months, if the price predictors know anything, building and remodeling costs are going up.

It doesn't look as if renting will save you either. Because rents will go up, too.

America is short of homes. You heard this four or five years ago. Thru the worst of the depression population had increased, homes had burned, and homes had tumbled in decay.

Even then the experts predicted sharply increased home-building in the early forties.

The forties are here. Building is already headed up. General business is headed up. America is more short of homes than ever.

If you kept your mind on what your college economics professors said, you know that production of some things follows a regular cycle, and that it persists in this cycle in spite of war and Congress and everything else that makes our time "different."

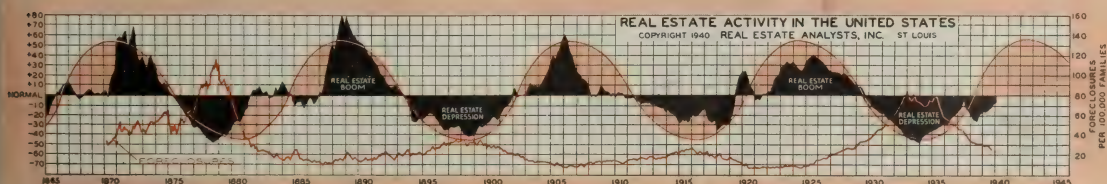
Demand for homes, indeed the whole of real-estate activity, has followed just such a cycle, as you'll see from the chart below. Since 1795 there has never been less than 16 years nor more than 20 between booms. Another peak should be due in the forties.

But let Roy Wenzlick, an expert on building and real-estate trends, president of Real Estate Analysts, Inc., tell you what he thinks. Investment firms all over the country seek his counsel. They have many billions in real estate—which indicates that he, as much as any man, knows what he's talking about.

Roy Wenzlick Says: If you ever expect to build a home, there are many reasons for believing the next six months offer opportunities which probably won't exist again for many years.

This statement isn't mere offhand opinion; it's a conclusion based on more than 12 years of measuring and analyzing, city by city, the various factors responsible for changes in building costs. This statement could have been made before the war started in Europe. It's doubly true with the war in progress.

Why does the present offer this unusual opportunity? There are at least five reasons easily discernible. Materials will probably advance in price. Cost of building labor will increase and its efficiency decrease. Building sites can be bought now at less than in the future. The cost of financing a home and interest rates, after dropping since 1929, will now probably advance. [Turn to page 118]



In spite of war and panic and depression, U. S. real estate has boomed every 16 to 20 years since 1865, even since 1795

Is Your Planting Custom-Made or Mill-Run?

By Alfred C. Hottes, Garden Editor, Better Homes & Gardens



EXCELLENT The object in this planting was to accent the whole house and its primary architectural lines. Even the second story becomes a part of the picture. When the architecture is good there should be only a mere tracery of vines. However, poor house design may be smothered in foliage. The bold primary-accent evergreens on each corner of the house serve to draw the roof line down to the ground. Other low shrubs and perennials may be used beneath the windows

ALWAYS GOOD In this planting emphasis is on the doorway, a detail of the architecture. It is a planting adapted to almost any type of home. The evergreens or shrubs used here should vary in skyline, with a crescendo of planting which leads definitely to the tall evergreens accenting the door. To fill in the space between the principal evergreens or shrubs at the corners, use smaller perennials and low-growing shrubs. Your nurseryman will advise the best plants for your climate

TIDY If you desire a more formal, neater appearance, you'll enjoy a low-clipped hedge surrounding the planting. It also makes your home look as if it were sitting comfortably on the land. For this hedge you can use myrtus and breath-of-heaven in the subtropics, or boxwood where it's hardy. For colder regions, I advise Dwarf Japanese Yew, Box Barberry, *Euonymus koreanensis*, even Showy Stonewort and dwarf privets. I feel that this house clasps a little garden plot to its bosom



HOPEFUL It's a pity to skip in clothing your house with this sort of planting. Altho hopeful in appearance it's really not adequate. With additional plant material, even as few as two or three larger shrubs or evergreens, you can redeem this situation. Before being called upon to clothe the home, these plants should have remained several more years in the nursery. The indirect, curved walk to the front door becomes a meaningless wiggle rather than a means of entering the home

MEDIOCRE This planting is too commonly seen on the streets of our country. The shrubbery or evergreens appear to have been purchased wholesale. There are no points of accent, and therefore the planting becomes most monotonous, neither hiding poor architecture nor accentuating good. Eventually, a home planted with such shrubs appears to be pushed down into a feather bed. The foundation of this home isn't unsightly and there is no reason for its being so completely hidden

COMMONPLACE Here's another too-common type of planting. Each shrub is a unit in itself. Unless shrubs are grouped attractively, unless they merge with one another, there's no feeling of unity, no merging of the foliage masses, no point of accent, and no hope that the planting is going to get any better in the future. By adding one of the devices shown in the various pictures above—a tree, vines, or tall accent evergreen—this commonplace planting might be snapped out of its doldrums

THE object of foundation planting is to enhance architecture if it be good, and to detract attention from it if it be bad. Homes without high foundation walls don't need to be completely hidden behind a mass of overpowering shrubbery or evergreens. Far better is it to accent certain details of the house, either its corners or its doorway, or to enframe its windows. Moreover, the planting used shouldn't be a collection of unrelated specimens, but every tree, shrub, or evergreen should suit a definite purpose. I'm presenting below six good ways to plant

my own home and six poor ways too commonly seen. In planting our home grounds, let's not blindly follow the example of our neighbors, for the majority of plantings look as tho thrown off an automobile assembly line—standardized, one exactly like the next. Your planting should be individual, permanent, sufficiently colorful, and fitted to your climate and the site of your home. A new foundation-planting era has dawned, for surely *Better Homes & Gardens* families are ready for better things than the prefabricated plantings of the past.



DIFFERENT If you like an entirely different planting, try this. As the principal elements of the design use tree-like shrubs, such as sumac, devils-walkingstick, lilacs, and Flowering Dogwood where it is hardy. To contrast with these tall shrubs, the remaining plants should be only low ones, such as St. Johnswort, Slender Deutzia, and Froebel Spirea. And where broadleaf evergreens are common you'll have a wide selection, especially among azaleas, andromeda, and hollies

COLORFUL If you already have a conventional planting established, enliven it with colorful window boxes and flower beds of annuals. Choose simple color combinations, or one color only, to avoid making it garish, because you can easily give the house the appearance of being overdressed with costume jewelry. Note the accenting Bolleana Poplar which enframes the right side of the house and unifies the picture. Compare this with the next planting and choose which you prefer

EFFECTIVE This would be a mediocre planting except for the prominent accent from the poplar in the corner which seems to set the house back into a cozier setting. There are three poplars advised: Bolleana, Simon, and Lombardy. Shrub-planting is here used very sparsely, but a small area for flowers is planned for those who, thru necessity, have little space at the rear of the house for them. Will adding one poplar give needed distinction to *your* planting?



UNFORTUNATE If you innocently purchased young forest trees instead of low shrubs with the hope that they would some day clothe your home, you're bound to be as disappointed as the small-apartment-dweller who brought home a pup not knowing it was a St. Bernard. Slow-growing evergreens are more expensive, it's true, but they don't grow out of bounds and hide the expensive architecture in a forest. One wouldn't buy six elms and use them similarly

BAD In the first two sketches above the pyramidal evergreens are pleasing because they carry the eye up. Artists tell us that the pyramidal form is one of the most exalted, inspiring shapes. But when used here in a series they become a forbidding sawtooth, hiding windows and suggesting dragons' teeth. The solution is to choose slower-growing evergreens with more rounded, billowy forms which will merge and clothe the house rather than make an endless series of exclamation points

RUINED At one time this planting might have been a good one, but a foolish person has trimmed all the plants until they've lost all semblance and beauty of their natural form. Don't shear and shave evergreens each spring to grotesque, columnar, pyramidal, and globular geometric forms. The plants should be allowed to develop their graceful, natural habit and merge together to form a unified planting such as we have shown again and again in the top row of our pictures

How to Make Tulips

Stage a Big Show



McFarland

↑ See what happens when golden daisylike *doronicums* poke their heads between bronzy Breeder Tulips, and pansies nestle at their feet

Again, see what staging ➔ does. Only 15 tulips beside this dripping pool, but how refreshing the spot! There's columbine back of the tulips, and lovely pansies and lavender-blue *Phlox divaricata* in the foreground. You can do as well, starting right now



You can make a dozen tulips more memorable than two hundred if you give them a foreground and background of flattering companions. Here's how . . .

By Fleeta Brownell Woodroffe

TULIPS to beat the catalogs! Spring borders to rival the travel posters! They're yours. Right this very spring! And why not, when it's all a matter of the setting you give the tulips. There are tricks—a bagful—to making a few tulips look like many. And there's still time to use most of these tricks!

If you must peek at the answers, I'll tell you right away that it's done by transplanting. And it pays—oh, how it pays!

A scant dozen tulips can be made so beautiful that you'll remember them far longer than 20 times that many in a large regimented bed if you play up to your dozen and star them by giving them a foreground and a background of flattering companions.

Here's All You Need Most all the plants we'll need to glorify our tulips—to add oomph—come cheaply by the dozen, the basket, and the flatful. Many we'll have on hand. There are pansies, soft and billowy phlox like quilted satin spreads, and nosegays of primroses for sheer sentiment. There are wallflowers, fiery and infectiously gay. Violets, pixy-faced Johnnies, early anemones, and fluffs of forget-me-nots—all playing up, every second of the day, the slender beauty of the tulips.

Put two and two together and get a spring garden that beats the catalogs themselves!

What Combinations? With that grand newer tulip, Scotch Lassie, as bonny a tulip as ever graced the deep-lavender class, shall it be pale-yellow pansies just verging on cream? Or do you like Scotch Lassie with Lord Beaconsfield better? Lord Beaconsfield is that lovable pansy with the rich, velvety, violet-purple petals that pale to white on the edges. It's a toss-up—both are grand.

And for the early double Tulip Tea Rose, with all those en-



Mattie Edwards Hewitt

Spring dances along this border—a melody of tulips thru which candytuft, iris, and primroses play a secondary theme. Fewer tulips would do as well

chanting color reflections among its scalloped petals, shall it be blue-purple pansies or tufts of the striking Azure Lungwort?

If we'd thought about it in time last fall we could have backed our bronzy Breeder Tulips with some of the choice new barberries and in some sheltered corner perhaps given them a gorgeous backdrop of Japanese Maples with their red-leather colorings. We could have planned for a wide-armed Father Hugo's Rose to toss its yards of lovely golden roses about in the warm, clean-smelling spring wind behind tall late tulips in gold and white with a foreground of pansies tinged with orange. For these we'll have to wait.

Use Perennials, Shrubs Meanwhile, there are a surprising number of perennials, some most usable small shrubs, and quantities of bedding material that can be transplanted now and set about in ways to make the tulips simply tops.

[Turn to page 122

WAR CUTS BULB SUPPLY

THIS year may well mark the end of easy tulip-buying. And this is news!

The bulb-growing industry has been terribly hit by the war. Dutch bulb-growers have had a staggering loss of business already and ahead they have the constantly hovering threat of invasion and the consequent flooding of the land for defense. If, by reason of this flooding or neglect of their dikes because of the national emergency, the water table rises—it's down only 12 to 18 inches—the soil of their tulip fields will be contaminated by the salt water for many years. And, if this doesn't happen, they may still be obliged to turn over their fields to grow food.

All this comes close to our own gardens because here we've been importing 100 million bulbs a year from Holland, and producing only 2 million ourselves.

Any Dutch bulbs we get, according to R. M. Carleton, bulb-importer in close

touch with the situation, will be of the newer and higher-priced varieties. A great many bulbs were destroyed last fall and among them were many of our old favorites.

How to Save Bulbs You Have So the thing we must do is conserve the tulips we have. Most interesting experiments have been carried on in Holland over the last eight years to determine what causes a tulip bulb to split up, as so many have been doing after their first and second years.

Holland growers found the best soils for permanent tulip plantings to be the very sandy soils, rich in lime, very little nitrogen, and less than 2 percent organic matter.

To keep the tulips we now have we should reverse ourselves and withhold all that plant food, peat, and leafmold we've been giving to our tulips to make them bigger and better. Use the poorer garden soils, leave

out the foods, and see that the soil is more limey than acid.

All this is to keep the tulips we now have and keep them at blooming size. Nobody says that the feeding doesn't give results for the first year. Or that water doesn't help. But we'll change to scanted diet because we'd rather have some tulips next year—tho smaller—than none of blooming size.

Next question is to dig or not to dig. This, say the growers, hinges upon whether the bulbs can be kept cooler in the soil or out of it.

If your summer temperatures habitually climb to 90 to 100 degrees for several days at a time, dig your tulips when their foliage has died down and store them after you've rubbed off their old roots and outer coats. Store them in a cool, dry basement. If your summer days never average above 80, your bulbs are probably better off in the soil.

Prices up, old favorites destroyed. Stop feeding to conserve those you have, growers say

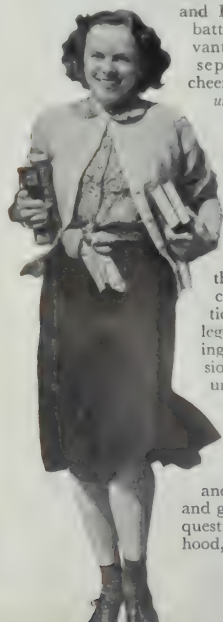
If Your Daughter Goes to College—

Will she be a better homemaker? Will college make a spinster of her? Should your daughter go to college to get a husband? What type of school should she choose—women's college, coeducational university, or small coed college?

Why the Battle of Words? Realizing that helping a daughter to decide upon the "right" college is more and more an important problem with parents, and realizing, too, that the most vital consideration with parents is the question of what sort of homemaker, wife, mother, and useful citizen a college will turn out—if college *does* have a vital influence in that regard—*Better Homes & Gardens* has asked three authors to attempt to answer these important questions, and to state the case for the three general choices among educational institutions open to the female sex.

In this issue, Wainwright Evans and Professor Joseph K. Folsom battle over the respective advantages of coeducation and separate education—Evans cheering for the coeducational university, Folsom for the women's college. In an early issue, May F. McElravy will challenge both—insisting that your daughter will make a better homemaker if she attends a small coeducational college.

The decision is left for you. But keep in mind that this isn't just a discussion of colleges, nor a set of suggestions for fond parents with college-age children. The interesting and ultra-candid discussions take up a question that underlies the whole structure of family life, and the future of the homes of America. It's a question of vital interest to every father and mother—to every prospective father and mother—and to every boy and girl who'll some day face the question of marriage, parenthood, and homemaking.—*Editor.*



Coeducation

WHENEVER I hear somebody arguing that Education is better than Coeducation, and that girls and boys ought to go to separate colleges so they won't distract each other's minds from their books, I think of Fay Lathrop.

Fay wasn't much on looks. She had a mug of a face, with a sprinkling of freckles, and reddish hair. But she had a Figure and lots of Personality. Also she had a clever mother—a lone widow who was a milliner and an expert dressmaker; just the sort of mother for a girl with a figure to have.

Mrs. Lathrop wanted Fay to have an education, and—equally important—to marry well.

So Mrs. Lathrop, after a candid talk with Fay about the facts of Life and the animal Man, made Fay an outfit that was meant to please men—and to heck with the women. Fay's gowns were correct, proper, and chic without being stuffy or frilly—or girlie-girlie like what women put on when they dress to knock each other for a loop at the next bridge party. They clung in just the right places; and Fay had plenty of them. On top of that, Fay had charm; so that not being pretty had never bothered either her or anybody else.

At this time, Fay was about ready for college. Mrs. Lathrop took her out of a public high school and made a special arrange-

Many of

SOME ten years ago a prominent businessman gave the public his warm opinion of women's colleges. He said that the country would be better off if they were all buried to the ground.

A few years later found the same businessman sitting in conference with some women's-college officers. Eagerly sought by reporters who remembered his earlier statement, he admitted that the "old gals" and their work were not so bad after all.

It has been said that these institutions of female higher education are spinster factories.

Indeed, before the World War, among the "big seven" (Radcliffe, Wellesley, Mount Holyoke, Smith, Vassar, Barnard, and Bryn Mawr), statistics showed that only 59 to 60 percent of their graduates ever married. But this was in the days of sex repression, female subordination, and rebellious feminism. It was in the days when Vassar, for example, forbade woman-suffrage meetings on the campus, and the girls, climbing over a fence, assembled in an adjoining cemetery to promote this radical, Bolshevik doctrine. It was still not so long since Wellesley's crew pulled their oars in long sleeves and skirts reaching to the ankles.

In Katherine Bement Davis' study of pre-War college women, we find the case history

is the American Way

says **Wainwright Evans**

ment with a "select" girls' school to take Fay for six months, examine her, and graduate her with the current class. Thus she would bear the label of a school she could not have afforded to attend—and which she wouldn't have attended if she could, since living without a few males around had always been poison to Fay.

WITH the social prestige of that label on her, Fay descended on the state university in a well-populated neck of the woods where she would find a maximum number of men. She promptly made one of the best sororities. From then on her energies, except for the modicum of study needed not to flunk out, were devoted to men. Men were her occupation, study and other girls her avocation. Knowing just what she was after, she soon had more dates than any girl in the place.

In due time she picked her man. He was a well-to-do youth of good family and prospects, and as easy to fall in love with as if he had been as poor as a church mouse.

In the meantime Mrs. Lathrop wasn't idle. She went right on sewing. And so—you've guessed it, Reader! And they lived happily ever after. Incidentally, while she was about it, Fay managed to collect a pretty fair book education, too.

A woman's college for Fay? Phooie!

J. B. Priestley has made the comment—favoring separate education for men and women—that he doesn't see why young men and women shouldn't be able, with benefit, to forget each other and put sex out of their minds for the few brief years in which they're getting an education. Mr. Priestley had better read a good book on biology, and keep his feet on the earth, along with Fay Lathrop. . . . Maybe he could then explain just what is the big idea of packing our Fay Lathrops off to girls' schools and women's colleges and other henneries.

MR. PRIESTLEY is trying to step on the toes of Mother Nature. Those few brief years he mentions so lightly are the very ones in which one of the important preoccupations of life is the biological business of finding a mate. The notion of forcibly separating girls from the normalizing and naturally desired companionship of men, and men from the equally needed companionship of girls, during those vital and irreplaceable mating years, just doesn't make sense. Contacts at that time may not result in marriage nor even in engagements to marry; but they do have the effect, thru many degrees of friendship, companionship, and courtship, and thru working and playing side by side in common activities, of teaching the sexes to understand each other and to speak each other's lan-

guage. It may be harder to learn later on.

Men and women not only normalize each other, but they stimulate each other. Contact with girls helps the callow youth toward the mental maturity of manhood; contact with men helps a girl toward the bloom of womanhood. It's a kind of stimulation that often leads, thru a sublimation of the sexual urge, to many sorts of creative activity.

Poetry, music, art, invention, energetic efforts toward achievement, the graces of life, grace of manner, and all sorts of other amazing rabbits come out of this magic hat generically called Sex.

ANY girl who lets herself forget the fact that one important use of an education is to help her toward achieving a happy marriage, a home, and a family—the things which she really wants—is being a very foolish virgin indeed. Let her rather go where men are—the more of them the better. Let her do this even tho her primary object just now is getting an education rather than finding a husband. And if, among the men she meets and comes to know and understand thru friendship, she finds the one she wants, let her—nicely but nonetheless decisively—follow the advice of Robert Herrick, author and former university professor: [Turn to page 86

us Disagree

says **Joseph K. Folsom** Professor of Sociology, Vassar College

of Mary X—. She had been engaged for two years or more but broke it off because the man was a Unitarian and she a Presbyterian, and "he was also affected by wine at dinner, two or three times."

Later she had three other proposals of marriage but accepted none. She wanted an "ideal." She felt that sex was shameful. She preferred a "dream" to the breaking down of her ideals. Mary was 32 and still unmarried when she wrote her sad story, anonymously, for the investigator. She then admitted that her ideals had been absurdly high, that she secretly craved a sexual experience, and that she "should have been taught more charity for human frailty."*

But times have changed. Young women, in college and out, have become more realistic about life, like the rest of us.

THE girls in women's colleges have become steadily more and more like their sisters in the coeducational institutions and outside college walls. The marriage rates of the alumnae of the "big seven," which were apparently the greatest sinners against matrimony, have steadily risen. Roughly 75 percent are now destined for marriage. Many other women's colleges, particularly in the South and West, have marriage rates that even twenty-five years ago were not so bad, and are still higher today. Stephens

College now frankly publicizes the fact that it is preparing girls "for marriage" and that it places 90 percent of them before the altar. Some others do almost, if not fully, as well.

IT'S true that the "old maid" risk for the educated woman is still a little higher than average. Approximately 90 percent of all women eventually marry. But among college-graduate women the expectation is something more like 80 percent. But you can't longer put the blame for all this on the women's colleges. It's a general condition resulting from the attitudes and faulty education of MEN! A large and increasing proportion of men do marry their equals, but there's still a considerable minority who "marry down."

Unfortunately, some of our more hard-boiled male colleges still fail to get into their boys' heads a realization of how the world has changed in the last fifty years. They fail to teach them the essentials of civilized human relations. As a result, we still have at large college men like the one who said, "When I come home tired from my work, I don't want a damned intelligent woman around the house."

Don't get me wrong. Let there be no inference that there isn't a place for people of little education. Let's just face facts. Altho the total number of unmarried women is

practically the same as that of unmarried men, the leftovers on the bachelor side are largely a slew of poor men, handicapped men, and a smattering of able men who don't give a hoot for marriage, while the spinster leftovers on the whole are a rather superior sample of the female, most of whom had a craving for wedlock.

Take them as they come and they'd average up as quite intelligent, competent, and potentially lovable. They would make good mates. But they've been "passed by."

These mate-hungry souls often cover their disappointment by a pose which says, "I don't care how I look or seem to men; they don't interest me." They become "cold," or "masculine," or "high-brow."

WOMEN'S colleges never deserved the black eye for producing these sidetracked females. The worst they did was to attract and intensify the type. On the other hand, they're now doing a great deal to correct the conditions just described, and some of them are real leaders in the actual promotion of better marriage and family life.

A girl can't achieve wisdom about men by merely reading about them in textbooks. She won't get one whit "wised up" about the creative MAN by thrilling to the hot love passages in a popular novel, either—nor by palpitating with [Turn to page 81

Who Cares About the Weather?

-when we can always be comfortable at home, hot or cold?



BILL

Bill. Bill's my husband. Hot weather makes him belligerent. And he sleeps on the living-room lounge almost all summer because the attic gathers heat all day until it's like a giant radiator, warming up the rooms just below almost beyond endurance and keeping them warm all night.

We may install an attic fan to replace the hot air with cool, and to set up air motion to speed evaporation from the skin—and dear Bill can sleep upstairs with me. Or, perhaps better, we can put in a complete year-round air conditioning system. Since we already have a warm-air heating system, all we need in addition are some larger, rectangular ducts, a blower-filter unit hooked to the furnace, a cooling coil (and a compressor or some cold well water), and the necessary automatic controls. If our house were heated by radiators, we could use the Split System, or could get conditioning by adding room units. Any method will suit my Bill just fine. It's worth the cost just to take the summer grumps out of him.



YEAR 'ROUND
AIR-CONDITIONING

DIRECT WARM OR
COOL AIR

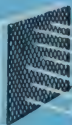
SPLIT SYSTEM
COMBINES RADIATOR
HEATING AND
DIRECT WARM
AND COOL
AIR-CONDITIONING



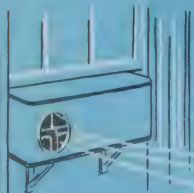
DUST AND POLLEN IN THE AIR

FILTER

COILS FOR COOLING
AND DEHUMIDIFYING



WINDOW UNITS ARE VENTILATORS
OR COMPLETE COOLING AND
DEHUMIDIFYING DEVICES



INDIVIDUAL ROOM COOLERS

Aunt Harriet. It's mean, I know, to take even the slightest satisfaction in Aunt Harriet's hay fever. But I can't help it. Were it not for my aunt's ailment, I shouldn't be what I am today—the foremost female authority on summer air conditioning in the world—to say nothing of our entire block!

And I'm going to take care of Aunt Harriet. Almost any sort of air conditioning device employs filters and cooling coils, and the filter will take the dust out of the air, as well as some of the pollen, and the wet coil will catch more of the pollen. Or Aunt Harriet's comfort-maker can be equipped with a filter especially treated to exclude the hay fever and asthma pollens.

Aunt Harriet likes to sit in her room upstairs. There are many room coolers to fit the situation. Most are designed for window installation. But Auntie can have a unit which merely recirculates air already in the room. . . . Another unit comes equipped merely to ventilate and filter, permitting the addition of cooling and heating coils later. With this type, a special heating coil replaces the radiator, making it possible to have conditioned heat in winter without changing the basic (central) heating system. . . . Other coolers, for cooling several rooms simultaneously and to cut operating costs, receive refrigeration from a single basement unit.



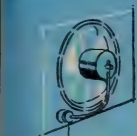
AUNT HARRIET



ME



ATTIC FAN FORCES OUT HOT AIR AND DRAWS IN COOL AIR THRU WINDOWS



KITCHEN FANS OR WINDOW EXHAUST HOT, STAGNANT AIR AND ODORS, AND KEEP AIR IN MOTION

By Louise M. Comstock

Meet Mrs. McNeather! Remember Mr. McNeather who "stirred up the weather" in Mother Goose and made it "blow hot or blow cold"? Well, today some ladies seem to have taken such matters into their own hands!—*Editor.*

IT BEGAN last August: Bill crouched before the radio, mopping the back of his neck and vainly dialing for encouraging weather reports. Upstairs Aunt Harriet sneezed five times in a row. I detached from my forearm the paper on which I was writing to young Bill at summer camp and said:

"We've got to do something about it." Bill dialed hurriedly past another hot dance band. "About what?"

"Summer. The heat. The humidity. And Aunt Harriet."

Hot weather always makes Bill belligerent. "Any suggestions?"

"We could air-condition."

"So we could. Except that we're living in a house, not a theater or a restaurant."

"But they do air-condition houses, Bill."

"Not on my salary, they don't."

He had me there. I subsided into the kitchen and began breaking out ice cubes in desperation.

But that was last summer. Today this woman at least knows what it's about. To those less well informed, let me state at the

Me. Me? I'm Mrs. McNeather, a gal who cared about the weather, and who, just to prove Mark Twain was talking only for publication, discovered that you CAN do something about it.

My first move was purely defensive—against the common summer enemy, *heat*. A shade tree is an elementary weapon because it acts as barrier between house and Mr. Sun's torchy rays. But since we're blessed with only two umbrella trees and a hedge, I looked fondly at awnings—artificial shade. I made good use of shutters and Venetian blinds. AND, I got me some of those new-type window screens that deflect heat and the sun's rays.

Oh yes, and *insulation*. Insulation reduces heat transfer, whether from inside out in winter or outside in in summer. Insulation is an integral part of new houses. Ours is old. Its time-honored walls and roof seem to absorb and hold heat like a sponge sucks up water. Insulation may reduce transmission 60 to 80 percent. We're going to have some insulation even if I have to cut up Aunt Harriet's old woolen petticoat for the material. Likewise, I'm determined on an exhaust fan for my kitchen, and a big circulating fan for the hot living-room.

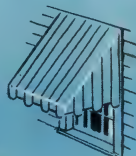


INSULATION STOPS OR REFLECTS OUTSIDE HEAT

PORTABLE FAN COOLS BY MOVING AIR, INCREASING EVAPORATION



SHADE TREES ARE VALUABLE IN BREAKING SUN'S RAYS, AS ARE SHUTTERS, AWNINGS, VENETIAN BLINDS AND REFLECTING SCREENS



CIRCULATION OF AIR IS COOLING



STATIC AIR, THO COOLED IS NOT COOLING

outset that the term "air conditioning" is much less fearful than it sounds.

Natural Conditioning

The body is the original air conditioning system. Between the nose, lungs, and sweat glands, it automatically tempers to our use every ounce of air we breathe or feel. The nose has special hairs and glands to filter, moisten, and warm. The sweat glands constantly bathe the skin in moisture which evaporates to cool the skin comfortably.

The difficulty is that this system is inadequate for the abnormal conditions in which we find ourselves much of the time. The nose is inadequate to humidify the parched indoor winter air we breathe, or to filter out the summer pollens which bring distress to the country's Aunt Harriets. The sweat glands nobly produce excess moisture

when "it's not the heat but the humidity" that lays us low, but they can't make that moisture evaporate and cool when the surrounding air also is damp and there's no drying breeze.

So far as my home is concerned, then, air conditioning consists in any means I can take to offset the factors which render Nature's air conditioning inadequate. (See above.)

Attic Fan Cooling

Our attic is a problem. We can insulate the attic floor. Or we can go further and install *attic ventilation*.

I shall need a large exhaust fan, powerful but quiet—big enough to change the air in our house completely once every minute if necessary. Every evening I shall shut all the upstairs windows, open sev- [Turn to page 114



BEFORE AFTER

INTERIOR RECREATED

**Kenneth R. Davis, Mentor, Ohio, shows how
an old country home got a youth treatment**

IF YOU'VE ever tried to tear out some old partitions built of 3 by 3 chestnut, you know what a lot of fun it is, and how sweating long it takes.

We'd taken an 85-year-old place at Mentor, 25 miles from Cleveland, for, like so many city folks, we'd always cherished "a little place in the country."

This was a big barn of a house, tho, as you can see, instead of a "little place"—one of those old houses in which it's difficult to determine for what the rooms had been intended. But it was in good condition and offered exceptional possibilities for remodeling—and I guess we were rather taken with the ten acres of well-kept lawn and garden, and the big maple, pine, and black-walnut trees that framed and bordered the place.

We're particularly proud of the job we got on the new living-room. In the L, which had been the old bathroom, we built a large brick fireplace, and made the entire area remaining into a brick hearth. Then we pine-paneled the room. Maybe this fireplace-L-and-living-room isn't according to Hoyle, but we think it's pretty swell, and there's no patent on the idea if someone else wants to borrow it.

And if you get an idea from the picture on the opposite page that our recreation-dining-cooking room was planned that way for more than the three-meals-a-day reason, you're absolutely right. Moreover, there's no patent on it, either—maybe you like parties at your house, too!

Among other changes upstairs, we had bunks built in in the children's room—for the reason that youngsters like them, and because it's the wise thing to do, anyway. There are also built-in cupboards in this bedroom.

NATURALLY we've made our remodeled home as modern in equipment as possible. We agree with the experts about plenty of good light. And besides the electric kitchen, we have an electric water heater and a fully adequate laundry—all the comforts of the Big Town but all the joy of small-town and country living.

Of course, we moved in long before papering, interior painting, and such were finished. Some wise guys will say it was just because we couldn't wait any longer. But it was really because we wanted to be on the job every day. We had to keep an eye on the work and stuff, didn't we?

"Maybe because we were so busy altering the inside, or maybe because we were satisfied with it as it was, we left the exterior pretty much alone—except for the two dormers, the big window, and the lean-to which holds the laundry. But inside we laid low a lot of those misplaced old partition. Note below the funny one that divided parlor from the tiny bedroom



BEFORE

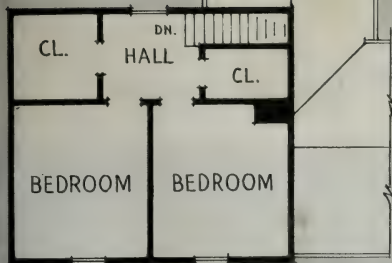


AFTER

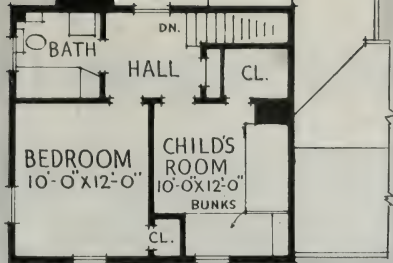
"To the left as you enter were formerly a living-room, bedroom, and bathroom. We're particularly proud of the new L-shaped living-room made by jerking out the old partitions"



AFTER



Second Floor Before

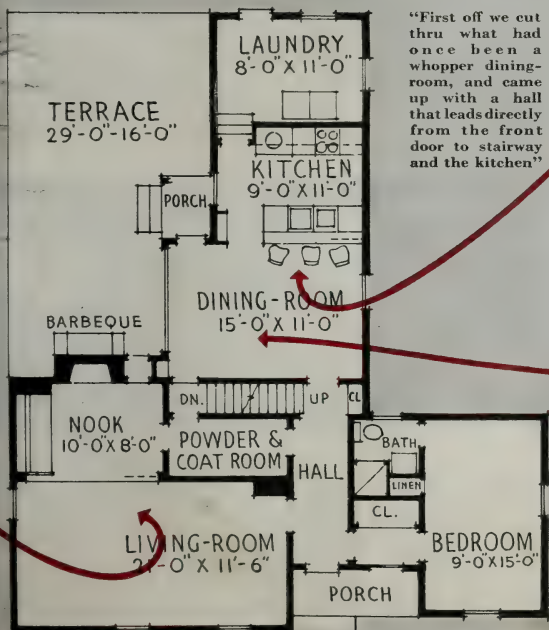


Second Floor After

"We did a lot of monkeying with the interior once we got going. Altho we like closet space as well as the next guy, we needed a bathroom upstairs more—so that big closet in the corner became a bathroom. We still have plentiful closet space, as you'll note—plus a handy linen cupboard"



First Floor Before



First Floor After

"First off we cut thru what had once been a whopper dining-room, and came up with a hall that leads directly from the front door to stairway and the kitchen"



BEFORE



AFTER

"Follow the top arrow and you'll look into the old two-pantry kitchen. Follow the arrows here and you'll find yourself in the new kitchen we call 'our happy thought.' It's a combined dining-room and recreation room as well as a kitchen"

"The breakfast bar is very practical and quite fetching for parties, but we like this huge picture window in the dining-room also. It floods the combination room with daylight"

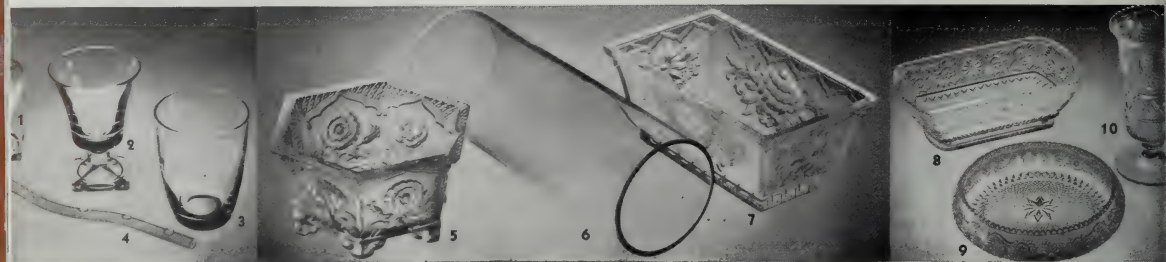


AFTER

MAY Indoor Gardening Guide

By Fae Huttenlocher

Associate Editor, Better Homes & Gardens



► The flowers are coming! Make ready with plenty of bowls and vases, for flowers and plants are now a necessary part of decoration in the cultured home. . . . In making a selection of bowls and vases, strive for variety in shape, size, and color; the right container can enhance any bloom, the wrong one ruin it. To guide you, we've chosen a number of good ones available at most department stores, jewelry or gift shops. For manufacturers' names and approximate prices, see page 122.

1 Heavy, crystal, classic in shape, 8½ inches tall,

lovely for roses and in pairs on mantel. 2 Ideal for hall or console arrangement of roses, snapdragons, gerberas, lilies, and tulips. 3 Of modern Swedish design, grand for office or Modern home. Right proportion for peonies. 4 Eighteen-inch-long crystal tube for dainty flowers like violets or dianthus on a table or mirror plateau. 5 Carved crystal vase, 5 inches deep—a decoration in itself. Lovely for calendulas or evergreen branches arranged Oriental manner. 6 New and smart, this 14-inch-long glass cylinder used horizontally on table or mantel in-

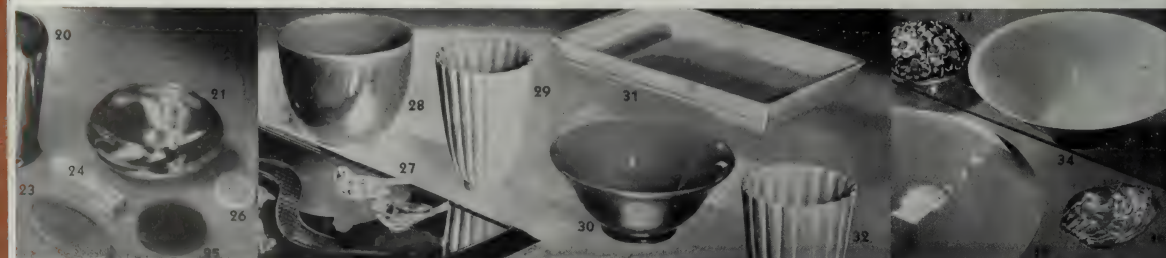
vites green vines, camellias, or gardenias within its crystalline case. 7 Embossed crystal bowl, lovely for flowering branches on mantel, highboy, buffet, or table. 8 For Early American, Colonial, or Provincial home, this quaint, 12-inch-long bowl of old Sandwich design is ideal for fruit or old-fashioned flowers. 9 Old Sandwich-design bowl that's right for pansies and petunias. 10 For long-stemmed flowers like zinnias and marigolds you'll want this old Sandwich-pattern crystal vase. A pair of them for mantel or table ends will always give pleasure.



11 The composition sail may be lifted from its crystal boat-container or intertwined with vines from the boat's hold of flowers. 12 A crystal torte plate, 14 inches across, for floating flowers, waterlily fashion, when it's not serving salads or sandwiches. 13 An unusual and usable bowl, modern Venetian design, holds flowers in interesting pattern. 14 One or two of these 12-inch-wide crystal swans floating down your table's center with a cargo of flowers will never be forgotten. Fruit or salad is

equally lovely in them. 15 An 8½-inch-wide flanged crystal bowl of modern Swedish design holds flowers in graceful position. 16 For roses, you'll like this unusual two-pronged crystal container. 17 A 10-inch-high crystal vase with frost-embossed Chinese motif to be coveted for Eighteenth-Century home, particularly the Chinese Chippendale. Lovely for iris. 18 For flowering branches and lilacs, here's a tall vase of Early-American pattern. 19 A lovely bowl for floating Mayapple blooms, daisies, waterlilies, or

shorter-stemmed flowers, such as pansies or violets. In clear crystal containers such as 1, 2, and 3, flower stems are a visible part of the composition. For pleasing results, the stems should be kept a continuation of the line each flower follows in the composition above the vase. Avoid crossing of stems. Conceal the holder with leaves. These will not foul the water if the new preservative powders are used. Containers 5, 7, 8, 9, 10, 17, and 18 are sufficiently opaque or designed to conceal stems and holders.



Photographs by Edwin A. Falk

20 No cupboard should be without copper, brass, and chrome flower-containers. This 9-inch-high copper vase is tall enough for flowering branches or winter bouquets. 21 Low, gleaming brass bowl ideal for French Marigolds and bitterweet. 22 Heavy mesh flower-holder essential for arranging flowers. 23 Metal needle-point-holder that's a favorite of flower arrangers. Holds large or small stems where you put them. 24 Plastic clay secures holder to vase so it won't tip. 25 Round, green, needle-point-holder. 26 A white holder for lighter containers.

27 Chrome-framed mirror, 18x12-inch plateau concealing water-container and wire-mesh flower-holder. Open slit in mirror assures graceful line arrangement. Crystal birds are loose, may be used separately. 28 Porcelain bowl, graceful and usable in shape—one of my "couldn't be withouts." Burgundy outside, chartreuse inside. 29 & 32 A pair of these fluted beauties is a prized possession for rose and delphinium mantel arrangements, turquoise outside, chartreuse within. 30 For flowers just dropped into a bowl, this burgundy and citron

container is ideal. 31 Low, 12x7-inch bowl is a "must-have" for Oriental line arrangements of branches and flowers. Citron-green outside, citron-yellow inside. 33 Metal flower-holder ideal for silver bowls. 34 Beautiful for all flowers, this porcelain bowl, 12 inches across, is burgundy outside, celadon inside. 35 Do without a hat to possess this handsome porcelain bowl, low and stunning in shape, divine of color—coral inside, burgundy outside. 36 For endtable, desk, or dressing table, these bronze, Victorian hands beg to hold a camellia or gardenia.

MAY Outdoor Gardening Guide

By Harvey Bicknell

TRUE enough, it's May and many a lawn is glowing with golden dandelions. If yours is one of them, go after the dandelions the latter part of this month while they're using every ounce of energy to produce a million flowers.

Burn them out with ammonium sulphate or one of the many weed-killers. Sulphate applied dry at the rate of 1 pound per 100 square feet and left to burn without watering will kill off almost all of the broad leaves showing above ground. Next month, when the plant at a great cost of energy has formed a new leaf system, burn it again. Where husky old granddad dandelions with heavy roots are thick, burn them a third time in July, or as soon as new leaves form. This burning weakens the plants so much that most of them fail to carry on, leaving your lawn dandelion-free and the bare spots ready to seed in August.

Grass is burned by the sulphate but, having a very slender leaf in proportion to the dandelion, suffers much less and, in turn, is benefited by the plant food.

There are new types of sprays on the market which severely burn plants that contain latex, such as the dandelion, buckhorn, purslane, and knotweed. They don't hurt bluegrass, which has none. You might try these in small areas before treating the whole.

Now Time to Transplant: As the ground warms and the frost date in your area passes, transplant annuals out of your flats. If they're tall, pinch them back to make them bushy and sturdy. Seedlings that you planted directly in beds should be thinned and pinched back severely. Start weekly cultivation as early as the soil will let you. If you collected lily seeds to sow in the beds, you may sow them now. Work sand into the area before seeding.

Spray: As new growth starts on *Juniperus horizontalis* and other trailing junipers susceptible to blight, start a spray schedule of bordeaux mixture every 10 days for about four sprays. Cut out heavily infested branches before spraying. Use lots of force to drive the spray entirely thru the plants.

Your spray schedule on apples to prevent scab and codling moth is in full sway this month. It starts with a spray of 1 gallon of liquid lime-sulphur per 50 gallons of water when the blossoms first show pink and again after the stems separate but before the blooms open. This spray is important if your apples in previous seasons have been badly infested with scab. If you're lucky enough to have had none, then the important spray is the one applied when the petals fall. This is effective for scab and necessary to keep out codling moth, which is the greatest wormy-apple maker. This spray should contain 5 pounds of dry lime-sulphur, 3 pounds lead arsenate, 5 pounds hydrated lime, and water to make 100 gallons. Apply as soon as the petals fall but before the little stubby green fingers that held the petals close up into a tight fist. Use all force possible to drive the spray into the blossoms.

In May aphids hatch out like corn popping. Watch for them on roses, spirea, snowball, apples, large-flowered clematis, and Sweet Peas. Different types of stickers or spreaders make for much greater killing power and should always be used with nicotine, which is still the leading material for aphid control. For persistent infestations the addition of derris or rotenone products will multiply the efficiency. Spray daily until checked.

Protect Against Borers: Your peach trees and flowering peach bothered by borers—trouble is indicated by thick masses of gum near the ground—should be treated with 2 ounces of paradichlorobenzene for a 6-inch tree placed in a circle 2 inches away from the trunk. Cover it over with

soil and leave it mounded for three weeks, then uncover. In the latitudes of Ithaca, New York, Wooster, Ohio, and Kankakee, Illinois, this should be done around May 15.

Flowering Trees Gorgeous: This month Crab Apples burst forth with many colors, from white thru the pinks to the dark reds. Still the old and common single pink *coronaria* is the most fragrant of all. Crab Apples, for their best development, are spaced at least 20 feet apart. You'll get the effect of another bloom next fall when just as many different types and colors of fruit develop.

See some collections of flowering cherries. Their double, pink flowers make them look like trees of roses. They grow a little thin near the base, so work well in among other plants. If they're planted in a place that doesn't have too severe an exposure, they grow rapidly.

Plants for the Shady Spot: For the area where the dense shade falls, try Tuberous Begonias or impatiens (sultana) for the center of the bed, with torenia, a blue-flowering annual 6 inches high, in several rows for a border. For the begonias, work a lot of gravel into the soil and peat-moss into the upper layer. Stake the plants the minute you set them out. Water them carefully so that you don't splash mud on the leaves. Impatiens isn't so fussy about its requirements and, while its delicate pink flower isn't as showy as the begonia, it'll give results in the most trying of conditions.

For perennials I've had excellent luck with *Trollius lobbortii*, which is orange and 18 to 24 inches high. Plant it in sandy soil. Bleeding-heart is practical, especially if the shade is caused by deciduous plants. It stores up energy before the leaves come out. Balloonflower, or platycodon, works satisfactorily. *Ajuga reptans* is a groundcover with large, shiny, blue-green leaves and a blue-spiked flower about 6 inches high. Along a path thru shade it's a joy to see. *Veronica filiformis* creeps close to the ground and is a shade-lover. It's even a good substitute for grass and can be mowed with the lawn-mower. Put it between stepping-stones to take away that bare-ground look. See that it's well watered.

Trim: As soon as the bloom has become unattractive, trim forsythia, Crab Apples, and Japanese Flowering Cherry. Crab Apple and cherry, unlike forsythia, don't have to be trimmed to keep them at their best, but if you have them squeezed into too small an area, they can be cut back hard and still furnish you with plenty of bloom next year. Cut to small, weak, side branches to prevent enormous new shoots from reaching for the sky. The sooner you trim them after they're thru blooming the less energy they waste sending out new leaves that will be cut off later.

Check over your dogwood and rhododendron for borers that work just under the surface. Dig off the loose bark until you've found all the borers and have reached live wood on all sides. Paint the area to keep the wood from drying.

Snapping Up the Beds: You'll be surprised how much straightening up and recutting the borders will snap up your plantings. If they're supposed to be straight, use a string to see that they are. If they're curved, mark out smooth-flowing curves. There are many cases where cultivating has continually encroached on the lawn, ever cutting the borders out and out. Replace them now where they belong, reseeding or putting sod where the line has trespassed. This dressing up for the garden is like a new coat of house paint.

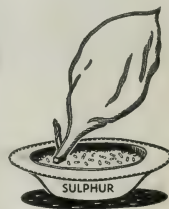
Sketches by Lindsay Field

Spray apples just after petals fall but before the green sepals close over the blossom end of the fruit. This prevents apple scab and wormy apples caused by codling moth. See text for more advice on spraying



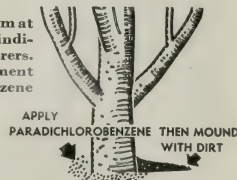
When cutting lilacs, forsythias, and other woody plants to take into the house, make a long, slanting cut, then split stem at the base

In dividing dahlias, let each piece of tuberous root have one eye. Then dip cut surfaces in flowers of sulphur to prevent the entrance of various diseases



Use ammonium sulphate to burn out dandelions now and in June. And another treatment must be given again in July for the largest ones. It won't injure grass permanently

Thick masses of gum at base of peach trees indicate presence of borers. Give them a treatment of paradichlorobenzene



Use your rake handle to map out on the freshly leveled soil planting areas for the different annuals. Space plants properly in these areas



†
 The Cadys' friendly living-room combines old and new furnishings. Slip-covers and curtains of white chintz patterned in rose, yellow, blue, and red have their colors repeated in the hand-hooked rug on a wine wall-to-wall carpet. Grass cloth covers three walls, and the fireplace wall is paneled in white

A setting for charming parties and homelike family meals, the gracious dining-room repeats the rich color theme of the living-room. The wallpaper is gay-patterned in rose and blue stocks on a white background, and on the floor is a practical two-tone broadloom carpet in shades of wine and rose



**BETTER FURNISHINGS
AND DECORATING
DEPARTMENT**

Edited by **Christine Holbrook**



↑ Study retreat of Mr. Cady, scenario writer for RKO Studios in Hollywood, is furnished in maple, comfortable sofa slip-covered in linen; carpeting is maple color, walls paneled. Draperies are terra cotta striped in turquoise and eggshell.
 ♦ Chief and pet decoration in the study and always lying gracefully before the fire is Mr. Cady's handsome Great Dane, Remus. Unusually attractive is the roomy, white house with dark green shutters, designed along Williamsburg lines

All photographs by Mott Studios



***The story of a woman who keeps her
home a stimulating place in which to live***

By Helen Weigel Brown



Home-Decorating Is Her Hobby

NEXT time you start feeling awfully virtuous about giving your all to making your home attractive—next time you return from a shattering day spent tracking down just the right draperies, floor-covering, or what not . . . pause a moment, little woman, and give a thought to Dorothy Cady, whose charming home is living proof that months of planning and weeks of scouting and days of hard work are wonderfully worth it in the end.

For Dorothy Cady (Mrs. J. J. Cady to those in Beverly Hills, California) really gets in there and makes a business of keeping her house an interesting and stimulating place in which to live. To date, she has lived in and decorated three houses of her own, also helped a number of her friends

with theirs. All of these homes have been exceptionally beautiful as well as outstandingly livable—planned and decorated by Dorothy Cady, homemaker, home-decorator by hobby.

MRS. CADY majored in art at Carnegie Tech. She married shortly after graduation, but instead of tying her degree in purple ribbon and saving it for future progeny to admire, she put her college training to practical use and started in to plan her first home. Since, her house has been her recreation. When she finds herself threatened with a dull moment, she whips up a plot for decorative improvement somewhere about the place. It may be new curtains for the kitchen or it may involve the complete un-

doing and rejuvenation of one of the rooms.

Most of us, in the first fine flush of planning a new home, can display a creditable enthusiasm and industry. But a house does not have to be new to challenge and hold Dorothy Cady's interest. The three houses in which she's lived never were completely decorated, in her opinion. Her present Williamsburg-type home in Bel-Air, Los Angeles, where she lives with her RKO scenario-writing husband and their two small daughters, is, to our mind, as perfect as a home could be. Yet *she* doesn't consider it complete at all! When we were making the photographs shown here, she was lamenting that we couldn't wait another month, because she planned to "improve" a couple of rooms which seemed to us quite unimprov-

able—but that's why her home is attractive.

One of the features which gives Mr. and Mrs. Cady's home such a personable and lived-in air is Mrs. Cady's skillful combination of old and new. She enjoys nothing more than ferreting for antiques—not just to be collecting, but because she genuinely loves them for their mellow charm and the generations of living they represent. Many of the antiques in her home are family treasures she inherited. The others she has rescued from obscurity, often from the most unexpected places where their real worth was never dreamed of. She's made the most of all of them, refinishing or re-upholstering the pieces to point up their beauty, placing them to best advantage, relating them so artfully to the modern pieces that the old and new are in complete harmony. You can see evidence of this in all of the photographs. Look at the living-room, with its fireplace paneled in white wood. Notice the walnut table in the bay, the little serving stand, the bed warmer on the hearth, the pole screen, the clock with its all-wooden works, the hobnail lamp, and touches of luster ware.

You'd be delighted at the way Mrs. Cady has freely put objects to uses for which they never were intended. There's a copper ivy-

holder of heroic size on the sofa table in the living-room that makes one positively swoon with envy. But it was originally an egg basket, Belgian in origin! Beautiful old carved portrait frames surround modern mirrors under her artful fingers. The globe of an old hanging oil lamp is metamorphosed into a stunning table-lamp base, and old Bristol glass candleholders make equally striking table lamps when wired for electricity and topped with shades of Mrs. Cady's own design. Cut-glass cologne bottles invade the dining-room to hold condiments on an antique butler's table. Her grandmother's piano stool, upholstered in quilted blue chintz and edged with blue and white silk tassels, makes a swivel dressing-table stool that couldn't possibly be improved upon. An old-fashioned baby cradle, another family heirloom, becomes a generous-sized magazine-holder in the bedroom.

BUT old Rogers groups—those cast "statuettes" depicting homely scenes from life that used to grace our grandmothers' houses—are the real prizes of the Cadys' home. Painted in soft colors, French blue and Biedermeier pink, they've been converted into perfectly lovely lamps. It's touches like these that make a home individual, that

invest it with a personality of its own . . . and Mrs. Cady knows how to effect those touches.

The lavish use of warm, friendly colors throughout the Cady house is one of its greatest charms. Rich, lusty wine is the dominating tone in living-room, dining-room, and largest bedroom. There are frequent uses of the soft roses that blend so beautifully with wine. Blues—lively, singing blues—are among Mrs. Cady's favorites, so blue is introduced in some way in every room in the house. In the living-room it's a blue sofa that picks up the occasional blue tones in the chintz draperies. In the dining-room blue stocks are mixed with deep red roses in the wall-paper. In the study there's an oil painting with blues in it. And the three bedrooms all welcome blue in their color schemes, the guest bedroom loveliest of all in cornflower blue and white.

Color reaches the ceilings, too. Every one is painted in a color tone with the exception of those in the living-room, upstairs hall, and study. These have wood-paneled ceilings to emphasize their importance. In the dining-room the ceiling is a warm, pinky beige; in the downstairs hall, pale yellow; in the children's room, ice blue; in the largest bedroom, warm beige; and in the guest bedroom, cornflower blue.

Textured broadlooms, laid wall to wall, form the floor-covering throughout the house, with hand-hooked rugs adding color.

AND such enchanting wallpapers! All are authentic reproductions of traditional patterns, each with its own fascinating history. The Marie Antoinette pattern of rosebuds and medallions in the nursery was printed from the original rolls, so was rather difficult to hang evenly, since the rolls, from generations of use, had worn in places and the printing was not quite true. The lovely rose pattern in the largest bedroom was first created for a bedroom at the White House when Teddy Roosevelt was President. The quaint cornflower design of the guest-room paper copies an old Colonial one, and the rose-and-stock pattern in the dining-room is a reproduction of an Old English paper. One can imagine, too, that the delicate yellow and gray medallion design of the hallway paper might once have graced the walls of a fine Colonial home.



★ Cheery is the guest room in cornflower blue and white—carpet deep blue, walls papered in a cornflower pattern, ceiling in pale blue; curtains, dressing table, and bed canopy are of white dotted swiss trimmed in blue rickrack, with cornices, tiebacks, slipper chair, and piano stool of blue quilted chintz

→ In the large bedroom the Roosevelt pattern wall-paper designed for the White House while Teddy Roosevelt was President inspired the wine carpet, rose spreads and curtain tiebacks, blue quilted chintz slipper chair, and rose and blue couch. All Mrs. Cady's beds have petticoats basted to the box springs. She likes them better than ruffles on spreads





Dainty and feminine as its two little occupants is the room of Patricia and Dorothy. Its color scheme of pinks and blues has the carpet and ceiling in blue, white point d'esprit for bed canopies, ruffles, and curtains with pink satin tiebacks. The chairs and doll bassinets help carry out the pink and blue theme

Another nice touch in this altogether entrancing house is Mrs. Cady's liberal use of photographs and miniature paintings of her children. You'll find them in old-fashioned frames, in pairs and groups in almost every room, even in the living-room, where an unusually lovely pair hangs over the mantel. If all of us could make as decorative and appealing use of family portraits as she has done, decorators could no longer object that family pictures with a free hand are poor taste and distressing to strangers. Check the photographs in the living-room and large, livable bedroom and you will see what we mean.

All this concentration upon a traditional interior has its sound foundation in the architecture of the home, which is true Williamsburg Colonial. Its setting is particularly beautiful—an acre of lawns, gardens, and historic oaks nestled in the hills of Los Angeles' Bel-Air.

OUTSTANDING in the Cady house is its honest livability, its hospitable warmth. "This house is lived in" is one's first reaction upon entering it, and the pleasant evidence is everywhere: in the traditions of good living that its furnishings, both the old and the modern reproductions, represent; in the cheery colors; and in the abundance of proof, outside and in, that small children are a decidedly important part of this home.

Houses like the Cadys' have to grow. They don't suddenly materialize out of a plan on paper and a few mad rounds of the shops. All three of the homes Mrs. Cady furnished

and decorated for her family have been rich in genuine beauty . . . and out of each of them she has kept the best, cherishing the old pieces and choosing additions with an eye for their harmonious relation to what she already has.

And Mrs. Cady will never be concerned about "what is being done" in home-furnishing circles. For she has made a home that is quite timeless in its utter charm and sure distinction.



↑ A close-up of two of the graceful groupings in the Cady home. "First Love" titles the old Rogers group. Mrs. Cady painted it delft blue, wiring it as a lamp for the hall. The mirror frame once circled an old print. . . . LEFT: Dramatically grouped are an oil painting by R. D. Parrott and ivy-filled pots on gilt brackets. The lamp is an old glass candleholder with gold satin shade and crystal drops

It's Paint-Up Time for Summer Furniture

By Lenore Kent

Mattie Edwards Hewitt



I GET a whole of a lot of fun out of painting my porch and garden furniture each spring. Some household jobs are just plain grind, no matter how you dress them up. But painting bright new frocks on my summer furniture is a keen adventure I wouldn't miss for the world! To mull over daring or dainty harmonies thru the winter—then watch the dull, stained surfaces disappear under gleaming new coats of color—is a thrill, and a grand antidote for pent-up spring fever.

There's no great trick to it, either. A bit further along I'll outline the few simple directions for preparing the pieces, mixing the colors, and applying the paint. Right now let's think only about *which* colors we'll use.

One of the reasons we paint is to make old furniture look like new. So cross out the original color or the one you used last year. Start all over again. There's a definite technique for choosing colors for outdoor furniture. Let's see what it is.

By the House, Out in the Garden? If the furniture will reside close to the house, on porch or terrace, study the colors you see on the outside of the house—roof and body, trim and doors, even the shades and curtains in the windows and the blossoms in the window boxes. If it's hard to carry these hues in your mind, find bits of cloth or paper in colors to match. Consider them at close range with your paint chart. Give just as much thought to selecting harmonious col-



↑ When furniture is to be exposed to the weather, be careful in selecting the right paint for wrought iron and the sturdy wood pieces that will be exposed to the sun and rain

Furniture in the garden of Mr. and Mrs. Milton Baruch in Holmby Hills, California. Color scheme is blue, yellow, and white: umbrella and all canvas bright blue, wood frames yellow, metal white

ors for your furniture as you give to choosing the right accessories for your new summer ensemble.

Suppose you live in a house with a gray roof, white body and trim, and lettuce-green shutters. You've all sorts of color possibilities for outdoor furniture. Primrose yellow, dark blue, pale gray, white, and lovely lettuce green are only a few of them. What's more, you'll enjoy your pieces doubly if they're not all painted the same color.

If your house is of unpainted red brick with a slate roof and cream trim, your choice is a bit more limited. But cream, green, or dark wood-browns would be stunning.

Now for those comfortable, summery chairs and tables and little stands we love to

group in pleasant places on our lawn or in our garden, far enough from the house that their colors aren't important. Here we can really play joyously with color, guided only by our desires and the growing things in Nature's own background. But these growing things are ever so important. Place furniture of the wrong hue near your prize flower bed and the jarring colors will ruin the exquisite picture you so painstakingly planned and planted. Conversely, carefully chosen tones will complement your blooms, repeating their finest colors. Or if you use leaf greens and wood-browns, they'll blend softly with the background, acting as a subtle foil, flattering rather than competing, which sometimes is just the effect we wish.

Flatter Your Blooms Suppose your pride and joy is a bed of velvety, ruffled petunias. Probably you plan to have an outdoor living-room near by. Could anything be more delectable for its chairs and tables than petunia colors—each piece different?

Or are mass plantings of clear yellow marigolds and ageratum your especial favorites? Furniture near by would be charming with some pieces in soft blue to match the ageratum, others in rich vivid blue, pale yellow, soft green, and deep wine.

Since garden furniture always looks best in a leafy setting, if possible place it among shrubs and trees. If necessary, improve your outdoor living-room by planting the needed greenery near by. Without such a background, richly colored furniture may seem to have a brazen, sore-thumb look, drawing attention from your home.

Don't be distressed if you haven't the very latest and loveliest lines in your outdoor furniture. Just remember that pieces not so well designed or proportioned should never be painted very light colors. Darker tones are kinder and help conceal the deficiencies. Fine chairs and tables, on the other hand, welcome light tints which show to best advantage their graceful lines. You can sometimes add apparent height to pieces too low and squatty by painting certain vertical lines in a contrasting color. High pieces may be made to seem lower and more streamlined if we paint their horizontal sections in a different shade from the uprights.

Color Mixing Is Simple—and Fun If you can't find just the tint or shade you're seeking on a color card, don't give up the ship. It's a simple matter to mix exactly the color you covet, even though you may never

have mixed paint-colors before. Your dealer will be glad to advise you about the tube-colors to get, and you'll find the actual mixing of them a great deal of fun.

You'd like a delicate old rose? Simply tint white paint or enamel with a little crimson madder until you've the desired depth of rosiness. The old rose should border on lavender? Then add a little medium blue. Coral? It's a combination of chrome yellow and a very little vermilion added to white, but the principle is the same. The more subtle the shade, the more tints it may call for.

Often you won't need to use white as a base. Nine times out of ten you'll strike a ready-mixed color that's quite near to the one you have in mind. It may need just a little encouragement one way or the other—a trace of yellow to soften a green, a dash of violet to mellow a gray.

When tinting, don't squeeze a dab of color into a can of paint and expect to stir it easily into one even tint. Some of it won't be assimilated [*Turn to page 52*



Barker Bros.; Photograph by Maynard L. Parker



◆ Metal furniture in striking color combinations is very decorative. Here the metal is painted burgundy. The seats and cushions are peach-colored waterproof fabric. The wood-slat awning is painted burgundy to match the chairs

Mott Studios



Here's an Idea!

REG. U. S. PAT. OFF.

CONTRIBUTED BY OUR READERS



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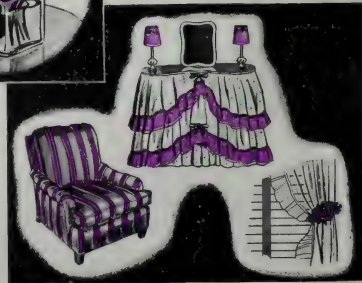
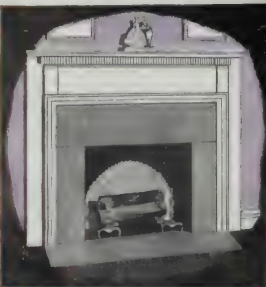
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Foods Mother used to make

37
**BETTER FOODS
 & EQUIPMENT
 DEPARTMENT**

Edited by Helen Homer

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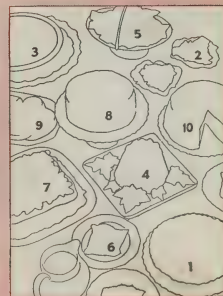
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So Good Meals

Dedicated to the best cooks in the world — Our Mothers! — A bouquet to modern mothers and all those of the past. Months ago, planning for this special day, we invited a group of one-time winners of Cooks' Round Table awards to share with other *Better Homes & Gardens* families the best-loved dishes of their childhood. For your response, friends, our thanks! Did we just imagine, or was it truly the fragrance of chicken pie and jelly roll, of ginger cookies, crusty brown doughnuts, and crisp fat loaves that rose from those friendly letters, so rich in happy remembering, so filled with loving tribute?

Remember flying home, pigtailed thumping, to *smell* supper, and *guess?* Staring saucer-eyed as Mother's Marble Cake took a blue ribbon at the fair? Licking the last lovely sweetness from the frosting platter? Please don't say it was the aura cast by childhood. It was wonderful food!

So with these pages, these recipes of yesterday, yet of today and tomorrow, we salute Our Mothers!—J. G.

MEAT VEGETABLE ACCOMPANIMENT DESSERT NICE TO SERVE

Surprise Meat Balls*	Scalloped Potatoes Yellow Wax Beans	Dutch Garden Salad	Lemon Meringue Pie* ¹	Tomato Preserves Old-Fashioned Candy*
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"Mother always made us pie-crust cookies from the leftover bits. I'm hungry and I'm homesick for those crispy nibbles, sprinkled with cinnamon and sugar, cut

in strips or rolled like a pinwheel. The family pie secret? Always a dash of grated lemon rind in the meringue and 2 teaspoons in the filling. Two lemons per pie, too."

Raised Short Ribs and Gravy	Mashed Potatoes Whole Carrots and Onions	Sliced Tomatoes and Cucumbers Pocketbook Rolls*	Floating Island** ³ Sugar Cookies	Beet Pickles
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"Mother always made Floating Island in the spring. I remember watching her drop the fluffy white islands on hot milk, then tenderly lifting them off and sprinkling

with red sugar while hot. I was in pigtailed when I first ate this dessert and I can still taste it. Mother has a knack with meat. She can make short ribs beat filet mignon."

Chicken Pie With Vegetables	New Peas, English Style	Radishes New Onions	Fruit Gelatine Mold** ⁴ With Assorted Cookies ⁵	Spiced Peaches
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"Mother always used whole pieces of chicken in her chicken pies—and were they good! She cooked new peas with a few sprigs of mint, drained and seasoned them

with butter, lemon juice, and a dash of nutmeg. Happy days when I came from school and rushed to the kitchen because I could smell Mother's Ginger Cookies."

Favorite Meat Loaf	Creamed New Potatoes Harvard Beets	Mom's Cabbage Slaw Cornbread	Apple Dumplings** ⁶ or Raisin Rice Pudding	Bread and Butter Pickles
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"Mother always had a pan for everything. Meat loaf and cornbread were traditional in size and shape. We could depend on things—their looks and oh, boy! the

flavor. No pinning the ears down on our apple dumplings. We make a to-do about their style. Just pinch the corners together atop the apple." Or serve Raisin Rice Pudding.

Baked Ham With Brown-Sugar Glaze	Candied Sweet Potatoes Peas and Carrots	Waldorf Salad Homemade Bread	Strawberry Shortcake ⁷ Cream	Horse-radish Sauce
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"Mother always made the best bread. Delicious memories—the taste and the fragrance of that first hot crust dripping with melting butter." Why not a loaf or two and

a pan of rolls to boot? Mother's Day marks the official opening of the shortcake season, the all-time family favorite. Make it round or square, with or without eggs.

Chicken and Dumplings or Chicken Fricassee	Riced Potatoes Creamed Fresh Asparagus	Perfection Salad Raisin Bread	Lemon Custard Ice Cream Oh and Ah Cake** ⁸	Watermelon Pickles
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"Mother always dresses up special cakes. We children stood by to Oh and Ah! This should be framed along with the family portraits. Mother dips the tines of a fork

into melted chocolate, then lets the chocolate drip here and there, onto *soft* white frosting. Next she swirls or traces thru the chocolate dots with a toothpick." Pretty.

Roast Veal Lime Stuffing	Pan-Browned Potatoes New Beans in Cream	Spring Green Salad Egg Dressing Buttermilk Biscuits	Jelly Roll** ⁹ or Aunt Em's Coconut Cake ¹⁰	Crabapple Pickles
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"Mother always works like a flash when she rolls up a jelly roll. When it comes from the oven, *zip* she flips it to a strip of waxed paper sprinkled with confectioners'

sugar; peels off the waxed paper on the bottom of the cake; spreads it with whipped jelly, and then for the roll-up. Tucks around the paper to hold it firmly."

Check
 And
 But a
 It's
 Recipes for "SO Good Meals" on Page 42

Co-operating With *Better Homes & Gardens*: Cloth, Quaker Lace; Turquoise Glass, Westmoreland Glass; Crystal Bowl, Duncan & Miller, Old Sandwich Pattern; Silver and China, Tatman's Inc., Chicago.

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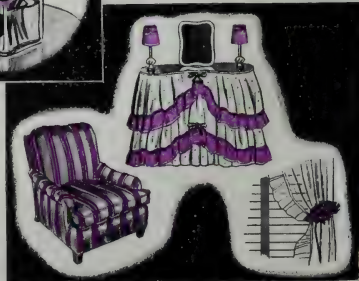
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<p>"Mother always made us pie-crust cookies from the leftover bits. I'm hungry and I'm homesick for those crispy nibbles, sprinkled with cinnamon and sugar, cut</p>		<p>in strips or rolled like a pinwheel. The family pie secret? Always a dash of grated lemon rind in the meringue and 2 teaspoons in the filling. Two lemons per pie, too."</p>		
Braised Short Ribs and Gravy	Mashed Potatoes Whole Carrots and Onions	Sliced Tomatoes and Cucumbers Pocketbook Rolls*	Floating Island** ³ Sugar Cookies	Beet Pickles
<p>"Mother always made Floating Island in the spring. I remember watching her drop the fluffy white islands on hot milk, then tenderly lifting them off and sprinkling</p>		<p>with red sugar while hot. I was in pigtailed when I first ate this dessert and I can still taste it. Mother has a knack with meat. She can make short ribs beat file mignon."</p>		
Chicken Pie With Vegetables	New Peas, English Style	Radishes New Onions	Fruit Gelatine Mold** ⁴ With Assorted Cookies ⁵	Spiced Peaches
<p>"Mother always used whole pieces of chicken in her chicken pies—and were they good! She cooked new peas with a few sprigs of mint, drained and seasoned them.</p>		<p>with butter, lemon juice, and a dash of nutmeg. Happy days when I came from school and rushed to the kitchen because I could smell Mother's Ginger Cookies."</p>		
Favorite Meat Loaf	Creamed New Potatoes Harvard Beets	Mom's Cabbage Slaw Cornbread	Apple Dumplings** ⁶ or Raisin Rice Pudding	Bread and Butter Pickles
<p>"Mother always had a pan for everything. Meat loaf and cornbread were traditional in size and shape. We could depend on things—their looks and oh, boy! the</p>		<p>flavor. No pinning the ears down on our apple dumplings. We make a to-do about their style. Just pinch the corners together atop the apple." Or serve Raisin Rice Pudding.</p>		
Baked Ham With Brown-Sugar Glaze	Candied Sweet Potatoes Peas and Carrots	Waldorf Salad Homemade Bread	Strawberry Shortcake ⁷ Cream	Horse-radish Sauce
<p>"Mother always made the best bread. Delicious memories—the taste and the fragrance of that first hot crust dripping with melting butter." Why not a loaf or two and</p>		<p>a pan of rolls to boot? Mother's Day marks the official opening of the shortcake season, the all-time family favorite. Make it round or square, with or without eggs.</p>		
Chicken and Dumplings or Chicken Fricassee	Riced Potatoes Creamed Fresh Asparagus	Perfection Salad Raisin Bread	Lemon Custard Ice Cream Oh and Ah Cake** ⁸	Watermelon Pickles
<p>"Mother always dresses up special cakes. We children stood by to Oh and Ah! This should be framed along with the family portraits. Mother dips the tines of a fork</p>		<p>into melted chocolate, then lets the chocolate drip here and there, onto <i>soft</i> white frosting. Next she swirls or traces thru the chocolate dots with a toothpick." Pretty.</p>		
Roast Veal Prune Stuffing	Pan-Browned Potatoes New Beans in Cream	Spring Green Salad Egg Dressing Buttermilk Biscuits	Jelly Roll** ⁹ or Aunt Em's Coconut Cake ¹⁰	Crabapple Pickles
<p>"Mother always works like a flash when she rolls up a jelly roll. When it comes from the oven, <i>zip</i> she flips it onto a strip of waxed paper sprinkled with confectioners'</p>		<p>sugar; peels off the waxed paper on the bottom of the cake; spreads it with whipped jelly, and then for the roll-up. Tucks around the paper to hold it firmly."</p>		

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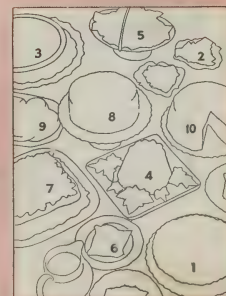
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Co-operating With *Better Homes & Gardens*: Cloth, Quaker Lace; Turquoise Glass, Westmoreland Glass; Crystal Bowl, Duncan & Miller, Old Sandwich Pattern; Silver and China, Tatman's Inc., Chicago.

Wake Up and Weed Out

For smooth family living, pigeonhole the

little things. To be a tower of strength in death or disaster, get a shattered reed when you can't find your hat, or the screwdriver, is a dido of human nature too common to ignore **By Grace Ellis**



Dump Out the Kitchen Drawers Roadhogs run you down. But kitchen-drawer hogs creep up on you. Out with dented measurers, broken sieves, wobbly egg-beaters, and—always—dull knives. Replace as soon as possible with slick unbreakables—stainless steel egg-beaters, good heat-proof glass or aluminum measuring cups and saucepans, high carbon steel cutlery. Banish seldom-used holiday cooky-cutters, timbale irons, and such from center-of-traffic positions to top shelves or back parts of drawers. Or triple your drawer-space by adding wall-racks for knives and beaters; hooks for measuring cups and spoons. Keep often-reached-for gadgets in a partitioned drawer or a wood compartment box. Rearrange drawers, reserving front-seat positions for most-frequently-used's.



Quick—Those Kitchen Cupboards! Away with dented pans and chipped pots which scorch foods and waste fuel. Dish-drainers which don't fit the present sink. Small waffle irons and coffee pots long since outgrown. High, horse-and-buggy double boilers, cook pots, and roasters designed for ancient ranges. Flat, tight-lidded modern pans and heat-proof glass utensils are budget- and temper-savers, dual-role it at range and table. Reorganize your kitchen to accommodate you by putting accessories in their handiest positions. At the end of a cupboard perhaps you can put a narrow tray unit for needed, but awkward-to-store, large trays, cooky sheets, and cake-racks. Get electrical appliances out where you can use them. A waffle iron in the attic is useless on Sunday morning!



War on the China Cabinet and Corner Cupboards Sixteen saucers and five cups! Four colors and three varieties! Treat the cabinet to a grim weeding out. Turkey platters and occasional dishes may be undeserving front-row takers. Resolve to buy in new sets more of the pieces you know you'll break. Or stick to open-stock dishes. This is wise management in buying glassware, too. Provide modern storage facilities—cup-racks, goblet-racks, plate-stackers. Today's efficiency says, "Keep things at point of use." It's a good idea, if the children help with dish-doing, to have a plan of placement so the cabinet array will make an attractive picture from afar. Teach the youngsters to survey their efforts. Remember, there's a happy medium of achieving speed, convenience, and beauty.



March on the Medicine Cabinet Maybe you need two, not one. Each user deserves at least one shelf. There should be a top one for general medicines, special provisions for poisons. Discard limp toothbrushes, empty jars, pills for bygone illnesses. Don't hold on to a carton or empty medicine bottle. Keep a notebook record of the prescription number, pharmacist, doctor, and date. Mark special medicines with name of user, directions, and affliction. Put poisons in sandpaper jackets. If you've young climbers, lock poisons, disinfectants, and the like in a small metal box, buyable at any office-supply store. Keep in adjoining cupboard or closet. A toddler will delight in his own private bathroom cabinet, hung low. It's an easy way to teach him neatness and good order.

ARE you a victim of Chronic Disorder—a family rash of “Where-iz-it’s?”

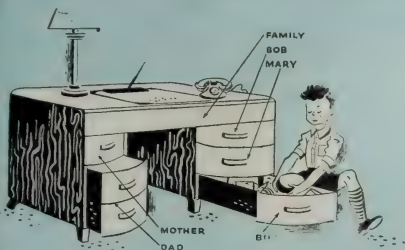
I’ll bet my best bonnet every one of us has Chronic Disorder right now in half a hundred spots in our homes. So let’s—this housecleaning season—*wake up and weed out*, excavate the catch-alls and demand that each article give service or gracefully accept oblivion. Nothing can cut slyer chunks from smooth

family living than things and arrangements that repeatedly annoy. The success-feeling, modern psychologists say, actually generates success; the feeling of failure induces failure.

Maybe it’s that collection of receipts to be thumbed thru in a fumble for the checkbook. Or the honeymoon-sized bathroom cabinet forever spilling forth present toiletries for five. Or merely a

kitchen gadget which has never “gadgeted,” but stubbornly hogs valuable space. Let’s aim for success at home.

Whatever it is, now’s the season to go after it. Weed out the wobblers, ferret out the frustraters, chase the seldom-used’s from front-seat positions. Let’s make every home-storage spot, every cabinet, drawer, and cupboard, a quiet contributor to smooth family living.



Sack the Family Desk Hope yours is a roomy affair, adequately outfitted, seasonally sorted, at which any member of the family may conduct his bit of business or correspondence. Minimum requirements? A private drawer for each user, a general drawer with paper and pads, a pencil fastened with string or chain to drawer-side (no joking!), and compartments for stamps, clips, checkbooks, ink, envelopes, postcards. Here, again, compartment boxes can keep a drawer efficient and neat. Dad likes the double drawer of file depth. Add a smooth-working desk pen, a sight-saving lamp, blotters, dictionary, and a combined family-birthday and address book. Often it’s the perfect spot for phone or extension. See to it that every member periodically weeds out his own “deadwood.”



De-turmoil the Tool Chest Tidying up the tool kit for Mr. Fixit is as important a part of housecleaning as is window washing. One of the slickest tool arrangements I know is a fish-tackle box. Screws, nails, picture hooks, and such go in bait compartments. Hammers, pliers, glue, household cement, flexible slide rule, and screwdrivers in the bottom. The swankiest store-bought cabinets show in silhouette where tools are to go, as in a machine shop. So why not yours, if you’ve a tool closet or cabinet? A woman who works about the house will appreciate her own size tools—a 7-ounce hammer, small awl for making screw holes, a 4-inch and a 1½-inch screwdriver, adjustable pliers. To keep “his” tools and “hers” as personal as one’s comb saves many a male explosion in most homes.



Tackle the Toy Chests Or consider first, if you really use chests, how infinitely more sensible would be cabinets or plain, low, open shelves in which toys can be ranged in roomy order rather than piled in chaos under a masking lid. Have plenty of labeled boxes in which to keep games, doll garments, and the like. It’s frequently wise to relay use of the toys and to store a few possessions. Youngsters greet them as new. Excess holiday gifts kept in labeled cupboard boxes may be apportioned out thru the year. One toy comes up as another goes down. Psychologists say too many toys are confusing. At the spring weedout, and the vacation one, let the youngsters help decide which toys should come out for the summer season, which shall be boxed away. They appreciate this toy-consultation meeting.



Calling All Clothes Closets! You can’t get more in a closet by jumping on it, but you can by a spring weedout and rearrangement. Maybe what you need is an extra closet. Make the most of an under-the-stair nook or a wasted hall space to build a closet. From their closets, coax the family first to bundle callously worn-outs and non-usables, and give them away *at once*. If there’s an attic or mothproof storage nook available, present it with out-of-season clothes (cleaned and moth-protected, of course). If not, give highest-shelf or rear-rod positions to the least-often-used’s. Have plenty of hanging dust- and moth-proof bags. Chuck out the wilted suit-boxes and substitute sturdy, uniform, sealable, and labeled storage boxes for excess baby blankets, winter ski suits, and galoshes.

Babies

WERE MEANT TO LIVE

**Yet each year we lose more than 70,000 under one month old—
nearly half the first day**

By Gladys Denny Shultz



Ruth A. Nichols

Saving our babies is the most vital conservation program before America today

BABIES were meant to live! Those little beings Nature brings to the birth hour normal, fully developed, and alive, she intends to have survive. Given half a chance, they will.

The most amazing chapter of the whole incredible Dionne story is that of the sixth sister, supposed to have been too weak or imperfect for effective living. This little Number Six was disposed of by Nature in a miscarriage around the third month, without disturbing the other five.

That Nature will dispose of her own imperfections, that she *does* intend for normally born babies to live, is something we've not understood well enough in the past. We in America have been as wasteful of our babies—babies meant to live—as of our other national resources, turning in a shameful record compared with that of Europe. After all, there always seemed to be plenty of babies.

But that isn't so any more. In the past 20 years, 400 percent more women have engaged in industry than ever before. The birth rate has plunged downward, and at the same time men and women have learned how to live longer. Every single normal child born from now on is going to be needed, and needed desperately; else youth in time will be smothered under the army of the aged.

SAVING our babies has therefore become the biggest, most vital conservation program before America today.

And today we know that a great majority of them *can* be saved. During the past decade, mortality between 1 month and 1 year (that first year always was the hardest) has been cut tremendously. But the big battle is still ahead. The Children's Bureau reports that *we are still losing every year more*

than 70,000 babies under 1 month old, nearly half of them the first day.

Nearly half of these, again, are premature. Thirteen percent of the rest die from birth injuries, 10 percent from congenital malformations, and 10 percent from other prenatal and birth conditions. Respiratory diseases account for 5 percent, gastro-intestinal disorders for 2.5 percent, unknown and ill-defined diseases for 6 percent, and all other causes for 5.3 percent.

THE great majority of these babies can be saved! What's more, vigorous steps are at last being taken to see that from now on those who come into the world alive and normal shall live.

At Cleveland last September, doctors, nurses, public-health workers, educators, and civic leaders from all parts of the country came together to discuss ways and means to prevent needless deaths and injuries of mothers and babies. This was the first such gathering in our history.

In many sections the local medical associations now are holding an inquiry into every such death. Could it have been prevented? Was someone negligent? Any doctor, nurse, or hospital attendant deemed responsible is called before a committee to explain—not an experience one would care to repeat. If the death appears to have been unavoidable, or from unknown cause, it's studied just as carefully. Perhaps something can be learned from it that will save future lives of both mothers and children.

MIDWIVES and public-health nurses are being brought to New York City from all parts of our country for a nine months' special course in obstetrics. Thus areas lacking doctors and hospitals will now have expert help for mothers and babies. The entire medical profession is on its toes in this matter as never before.

The main objective right now is to save the prematures. The Quintuplets showed the world what can be done in this line, and every locality has its own miracles. Recently I paid a call on "The Duchess," as her admiring nurses call her—a premature infant in a hospital in my home city. Weighing 2 pounds and a few ounces—you could easily have held her on the palm of your hand—she had been taken forcibly around the sixth month to save her mother's life. No one dreamed she could live.

But an incubator was waiting; glucose from a medicine dropper kept the spark going until she was strong enough to take a formula. (Doctor Dafeo, with you may remember, kept life in the Quints with rum during those first anxious days.) And "The Duchess" is going to make the grade.

Massachusetts' quick incubator service is a dramatic feature of the campaign. Incubators are stationed at strategic points all over the state and rushed to a baby anywhere at a few minutes' notice.

THE most important single advance is the very recent use of the new Vitamin K, found mainly in alfalfa, spinach, and fish meal, to treat and prevent several types of bleeding diseases to which newborns, especially prematures, are susceptible. Cerebral hemorrhage, for instance, is associated with from 25 to 40 percent of the fatalities. Research workers discovered some time ago that Vitamin K raises the prothrombin level (pro- [Turn to page 98

3 tips FOR THE CLEVER HOSTESS



1. PLENTY OF PURE TASTE-FREE ICE CUBES

Parties languish when the ice cube supply runs low. So the clever hostess orders the cubes she needs from her ice company—crystal-clear, hard-frozen cubes that do not give beverages an "off taste".



2. A HANDY ICE CHEST

To store extra ice and cubes...to chill bottled beverages...for extra food and vegetable storage...our clever hostess has one of the handy new Ice Chests. Hold a lot, cost little—\$8.50 up, f.o.b. factory, depending on size.



3. VELVETY ICE CREAM

There's no dessert like real ice cream—the kind that's free from crystals because it is agitated as it freezes. Here's a clever little gadget—an electrically driven freezer that makes delicious, velvety-smooth, old-fashioned ice cream without hand turning. Electric freezers, \$9.95 up, f.o.b. factory.

Ask your local Ice Company about these three modern aids to better living.

NATIONAL ASSOCIATION OF ICE INDUSTRIES
228 North La Salle Street, Chicago, Illinois
In Canada: 137 Wellington St. W., Toronto

See Cooks' Round Table
of Endorsed Recipes,
Pages 45 and 46

Orange Soufflé

Puffs Itself to Top Prize

AS LIGHT and airy as a spring day—but a lot more predictable—is Orange Soufflé with Foamy Sauce, \$5 first-prize winner of our Cooks' Contest for "Spring Desserts" and "Veal as You Like It" announced last November.

To Ahna Rice, Minneapolis, Minnesota, goes the check, and our thanks for a most delectable, easily created, well-behaved soufflé that's practically non-floppable. See it on page 45.

Close competitors were 20 superior veal, dishes and spring desserts—honor-rollers and winners of \$1 each. The finest you'll find on pages 45 and 46. Peppermint Mousse is a miracle of smoothness in crispy, not chewy, Meringue Shells; Spring Shortcake lends our strawberry favorite a new flourish; Breaded Veal Cutlets bake cozily under mushroom soup; Stuffed Veal Roast has a sweet-sour topcoat; Polish Cutlets are really fluffy patties with a nutmeggy flavor; and Stuffed Veal Roulettes turn out to be plump veal birds with bacon girdles.

Honor Roll

Mrs. E. L. Ebbighausen, Minot, North Dakota
Mrs. A. R. Fairbank, Portland, Ore.
Mrs. L. H. Fischer, Springfield, Mo.
Leah E. Flowers, Seattle, Wash.
Doris E. Gilman, Elmhurst, Ill.
E. Greenwald, Melrose Highlands, Massachusetts
Mrs. George Hayhurst, Edmond, Oklahoma
Mrs. Abbie C. Henkel, Oshkosh, Wis.
Mrs. W. C. Horsley, Bessemer, Ala.
Mrs. J. A. Kosek, Superior, Wis.
Leona Laabs, Plymouth, Wis.
Martha M. Linden, Cleveland, Ohio
Mrs. Pearl Miller, The Plains, Ohio
Mrs. Paul Redeker, Springfield, Ill.
Charlotte Rice, Eldorado, Kans.
Mrs. Albert H. Richardson, Erie, Pa.
Mrs. Stella Robinson, Owosso, Mich.
Mrs. Charles S. Stevens, Santa Barbara, California
Madalyn P. Toohy, San Diego, California
Mrs. Lester Wolfe, Holly, Mich.

One-Dish Dinners and Pineapples Team Up for a Contest

ANOTHER month, another Cooks' Contest! There's a five-dollar bill in it for you if your Dinner-in-a-Dish or Pineapple Creation is first in downright goodness, economy, and ease of making. There'll be a \$1 prize if yours is voted one of the 20 next-bests. Winners will be announced next November.

First these Dish-Dinners, blessed events with just one cooking dish to wash. Let's make meat the backbone, with plenty of whatever else it takes to round out a meal. May be top-stove or casserole, Chili con Carne, Tamale [Turn to page 44

Heirloom Plate

HALLMARK OF THE FINEST SILVERWARE

Your wedding service... your silverware service at Heirloom Plate... two lovely, lasting links right at the start of your "forever after" life! Lucky you brides who have chosen Heirloom, for your guests will long recall the flawless beauty of your silverware. Luckily, too, Heirloom is down-to-earth in price! With Place Settings as low as \$4.75, you need not be rolling in wealth to own the Heirloom service you want. Choose your Heirloom pattern where choice silverware is shown—on convenient Spaced Payments... if you prefer.



Tell us why and
receive a gift!

1st Prize: 72 Piece Service. 2nd Prize: 52 Piece Service. 3rd Prize: 34 Piece Service. Additional prizes of 250 COLD MEAT FORKS... given for the best answers to a simple question. Nothing to buy! Decisions of the judges are final and all entries become the property of Oneida Ltd. Just write your answer below (or get an entry blank from any Heirloom Dealer) and mail, on or before June 1st, 1940 to Heirloom Plate, Sherrill, N.Y.

I LIKE "HEIRLOOM" AS A NAME FOR FINE SILVERWARE BECAUSE—
IN WORDS OR LESS
DESIGN (illustrated above)
I LIKE
NAME
CITY OR TOWN
STREET
STATE
PLEASE PRINT PLAINLY



1. Dorothy B., you can tell by her shank, Is built on the general lines of a tank.



2. But cleaning her windows this difficult way Leaves Dot as inert as a bundle of hay!



3. While Christobel G., who's so slender and small, In sunlight she casts little shadow at all...



4. Makes her windows glisten with Windex (and sprayer) And ends the day feeling both fresher and gay!



5. For, to make windows glitter, here's all that you do: Spray Windex... wipe off! Windows glow when you're through!



6. And for such quick results, you will certainly say That Windex is cheap! Buy a bottle today!



7. No other glass cleaner is made by the secret Windex formula! Yet at reduced prices, Windex costs but a fraction of a cent per window.



Get Windex at grocery, drug, hardware and house-furnishings counters. Ask about the big 20-oz. economy refill size!

Copy, 1940, The Drackett Co.

RECIPES FOR

So Good Meals

[The Meals Appear on Page 37]

Pocketbook Rolls

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---------------------------|---------------------|
| 1½ cups flour | 2 tablespoons sugar |
| ½ teaspoon salt | ½ cup corn meal |
| 2 teaspoons baking powder | 1 beaten egg |
| ½ teaspoon soda | ¾ cup sour cream |

Sift flour, salt, baking powder, soda, and sugar; add corn meal and mix well. Add egg and sour cream. Roll ½-inch on lightly floured surface. Cut with round cutter. Brush with salad oil; crease and fold over. Bake on greased baking sheet in hot oven (425°) 15 minutes. Makes 12. —Mrs. Helen Logan, Estherville, Ia.

Molasses Cookies

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---------------------|---------------------|
| ¾ cup boiling water | 5½ cups flour |
| ¾ cup shortening | ½ teaspoon salt |
| 1 cup sugar | 1 teaspoon soda |
| 1 cup dark molasses | 1 teaspoon ginger |
| | ¼ teaspoon cinnamon |

Pour water over shortening; add sugar and molasses; stir until sugar dissolves. Add sifted dry ingredients; mix well. Roll ¼-inch thick; cut with 2½-inch cutter. Bake on greased cookie sheet in hot oven (425°) 10 to 12 minutes. Makes 5 to 6 dozen. —Mrs. Wm. Greenbacker, Middlefield, Conn.

Chocolate Bon Bon Cookies

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|-------------------|---|
| ½ cup shortening | 2 1-ounce squares unsweetened chocolate, melted |
| 1 cup brown sugar | 1 cup chopped California walnut meats |
| 1 well-beaten egg | |
| 2 cups flour | |
| ¾ teaspoon salt | |
| ¼ teaspoon soda | |
| ½ cup sour milk | |

Cream shortening and sugar; add egg and beat well. Add flour, sifted with salt and soda, alternately with sour milk. Add chocolate and nut meats. Drop from teaspoon on greased cookie sheet. Bake in moderate oven (350°) 12 to 15 minutes. Remove. Frost immediately with Chocolate Frosting: Combine 1 well-beaten egg, 1¼ cups confectioner's sugar, 1 tablespoon cream, one 1-ounce square unsweetened chocolate, melted, and 1 teaspoon vanilla. Mix thoroughly. Makes 4 dozen. —Mrs. H. R. Matthews, Palo Alto, Calif.

Mother's Oh and Ah Cake

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---|---------------------------|
| 3 egg yolks | 1 teaspoon vanilla |
| 1 cup thick sour cream | 1¾ cups cake flour |
| 1½ cups sugar | ¾ teaspoon salt |
| 2 1-ounce squares unsweetened chocolate | 1 teaspoon soda |
| ¾ cup hot water | 3 stiff-beaten egg whites |

Beat egg yolks and cream; gradually add sugar and beat until thick. Dissolve chocolate in hot water; cool; add to first mixture with va-

nilla. Add flour, sifted three times with salt and soda; fold in egg whites. Bake in two greased, 8-inch layer pans in moderate oven (350°) 30 minutes. Frost with Chocolate Swirl Frosting: Combine 1½ cups sugar, 2 egg whites, 5 tablespoons water, 1½ teaspoons corn sirup, and 1 teaspoon vanilla in double boiler; cook, beating constantly, for 7 minutes, or until frosting forms peaks. Frost cooled cake. Dip tines of fork into melted chocolate, one 1-ounce square unsweetened; let drop in small drops on frosting. With a toothpick swirl thru chocolate dots. —Mrs. Elmer Kindschi, Prairie du Sac, Wis.

Floating Island

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---------------------------|----------------------------|
| 6 tablespoons sugar | 3 beaten egg yolks |
| 3 stiff-beaten egg whites | ¼ cup sugar |
| 2 cups milk, scalded | ½ teaspoon salt |
| | ½ teaspoon vanilla extract |

Make meringue of 6 tablespoons sugar and egg whites; drop from tablespoon onto hot milk. Cook uncovered until firm, about 5 minutes. Lift out carefully; sprinkle with red sugar. Use milk for making custard. Combine egg yolks, ¼ cup sugar, and salt; gradually stir in 2 cups hot milk. Cook over hot, not boiling, water until custard coats spoon, stirring constantly. Add vanilla; chill. Top with meringue islands. Serves 6.

Lemon Meringue Pie

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|-----------------------------|---------------------------------|
| 1¼ cups sugar | 2 tablespoons grated lemon rind |
| ¾ cup flour | 6 tablespoons lemon juice |
| ¾ tablespoons cornstarch | 2 tablespoons butter |
| ¾ teaspoon salt | 9-inch baked pastry shell |
| 2 cups hot water | |
| 3 slightly beaten egg yolks | |

Mix sugar, flour, cornstarch, and salt; gradually add water. Cook 3 to 5 minutes, stirring constantly. Combine egg yolks, lemon rind, and juice. Add a small amount of hot mixture; stir into remaining hot mixture; cook 2 minutes, stirring constantly. Add butter. Cool. Pour into pastry shell; cover with meringue made of 3 stiff-beaten egg whites and 6 tablespoons sugar. Bake in moderate oven (350°) 15 minutes. —Mrs. C. J. King, Cupertino, Calif.

Apple Dumplings

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---------------------|---------------------------|
| 2 cups sugar | 6 apples |
| 2 cups water | 2 cups flour |
| ¼ teaspoon cinnamon | 1 teaspoon salt |
| ¼ teaspoon nutmeg | 2 teaspoons baking powder |
| ¼ cup butter | ¾ cup shortening |
| | ½ cup milk |

Make sirup of sugar, water, ¼ teaspoon cinnamon, and ¼ teaspoon nutmeg; add butter. Pare and core



O-Cedar Polish

**Cleans as it polishes
Gives to YOUR furniture
a warm glow, a lovelier lustre**

Dear Mother: It's housecleaning time. Do you dread it? Do you walk dejectedly through the rooms that used to be so gay and pleasant?

Do you stand with hands on hips and look at a murky ugly film of dirt on furniture, floors and woodwork and hate the thought of washing and polishing and cleaning and scrubbing?

Did you ever use O-Cedar Polish?

It cleans and polishes as you polish. It saves hours of your time. It leaves a sweet clean surface; a warm soft glow.

Add a spoonful or two of O-Cedar Polish to a clean damp cotton cloth and apply that to your furniture just like you'd wash it... then, lightly wipe it dry. Your lovely wood smiles back at you with a warm glow, a lovelier lustre.

Here's a TIP: Add a dash of O-Cedar Polish to your dustcloth, (O-Cedar hand duster or O-Cedar dust mop) and pick up the dust instead of chasing it around...

ASK your neighborhood store for O-Cedar Polish. Look at the famed triangular O-Cedar MOPS.

**O-Cedar
Polish**
MOPS, WAX, DUSTERS, CLEANERS AND
O-CEDAR FLY AND MOTH SPRAY

Amazing Quick Relief For Acid Indigestion

YES—TUMS bring amazing quick relief from indigestion, heartburn, sour stomach, gas caused by excess acid. For TUMS work on the true basic principle. Act unbelievably fast to neutralize excess acid conditions. Acid pains are relieved almost at once. TUMS are guaranteed to contain no soda. Are not laxative. Contain no harmful drugs. Over 2 billion TUMS already used—proving their amazing benefit. Get TUMS today. Only 10¢ for 12 TUMS at all drugists.

You never know when or where

Always Carry
**FOR ACID
INDIGESTION**

**Turns your Roaster
ON and OFF!**
\$6.25
PREPAID

MONEY BACK GUARANTEE!

Just plug your electric roaster—any make—into this Everhot Timer Switch and you can be away or busy with other things and it will turn the current on and/or off at the time you set. Use it to control all electric appliances and radios. Ask your dealer or order direct.

THE SWARTZBAUGH MFG. CO., TOLEDO, OHIO
Manufacturers of Everhot Electric Appliances

apples; cut in eighths. Sift flour, salt, and baking powder; cut in shortening. Add milk, all at once, and stir until dough follows fork around bowl. Roll $\frac{1}{4}$ -inch on lightly floured surface; cut in 5-inch squares. Arrange 4 pieces of apple on each square; sprinkle generously with sugar, cinnamon, and nutmeg; dot with butter and fold corners to center; pinch edges together. Place in greased baking pan, 1 inch apart. Pour over sirup. Bake in moderate oven (375°) 30 to 40 minutes. Serve hot with cream. Serves 6 to 8.—*Viola Lofgren, Seattle, Wash.*

Surprise Meat Balls

[A Tasting-Test Kitchen Endorsed Recipe]

1 pound ground beef	1 tablespoon chopped parsley
$\frac{1}{2}$ pound ground pork	3 tablespoons salad oil
Salt and pepper	Salt and pepper
$\frac{1}{4}$ cup cream	1 teaspoon poultry seasoning
2 cups small toasted bread cubes	1 $10\frac{1}{2}$ -ounce can condensed mushroom soup
1 small onion, finely chopped	$\frac{1}{2}$ can water

Combine meats, seasonings, and cream; mix thoroly. Form in 16 patties. Combine bread cubes, onion, parsley, salad oil, and remaining seasonings; place stuffing on 8 patties; cover with remaining patties; press into ball. Brown in hot fat; add mushroom soup mixed with water; cover and bake in moderate oven (350°) 1 hour. Serves 8.—*Viola Bradley, Seattle, Wash.*

Jelly Roll

[A Tasting-Test Kitchen Endorsed Recipe]

$\frac{3}{4}$ cup cake flour	4 eggs
$\frac{1}{4}$ teaspoon salt	$\frac{3}{4}$ cup sugar
$\frac{1}{4}$ teaspoon baking powder	1 teaspoon vanilla extract

Sift flour, salt, and baking powder 3 times. Beat eggs over hot water until foamy; add sugar and beat until very light and fluffy. Fold in dry ingredients. Add vanilla extract. Spread in 9- by 15-inch pan lined with waxed paper. Bake in hot oven (400°) 13 minutes. Turn out on waxed paper sprinkled with confectioners' sugar; remove waxed paper from cake. Trim edges; roll immediately. Unroll after 2 minutes, spread with 1 cup jelly, and roll again. Serves 6.

Fruit Gelatine Mold

[A Tasting-Test Kitchen Endorsed Recipe]

1 tablespoon (1 envelope) unflavored gelatine	1 No. 2 $\frac{1}{2}$ can fruits for salad
$\frac{1}{4}$ cup cold water	1 8-ounce (flat) can sliced pineapple
$1\frac{1}{2}$ cups hot water	Maraschino cherries
and fruit sirup	

Soften gelatine in cold water; dissolve in hot water and fruit sirup. Chill until partially set. Add fruits; chill in mold until firm. Serves 6.

Watch for It, Cooks Mother's Day Contest brought us far too many fine recipes to be included here. We're saving the grandest desserts for next month's Cooks' Round Table News. Read about it in June.

NEXT MONTH

**I'LL WASH ALL YOUR
DISHES... DISPOSE OF ALL
YOUR GARBAGE... FOR ONLY A
COUPLE OF PENNIES A DAY**



GENERAL ELECTRIC

**ELECTRIC
SINK**

1. WASHES ALL
THE DISHES!
2. DISPOSES OF
ALL GARBAGE!

DISHES ARE
WASHED
THIS EASY
WAY



1. Any food scraps remaining on the dishes are first scraped off. This operation is just the same as when the dishes are washed by hand.

2. Dishes are placed in Dishwasher trays as easily and quickly as stacking in a sink. They are safe for they do not move while being washed.

3. Lid is closed, controls turned. Dishes are washed hygienically clean in water hotter than hands can stand. Dishwasher cleans itself.

Throw away your dishes and garbage can!

The G-E Electric Sink will wash and dry all your dishes and dispose of all garbage for only a couple of pennies a day. In thousands of homes it is daily doing both jobs better and much faster than they could be done by hand.

Easily Installed!

This great time and labor saver combines the famous G-E Dishwasher and G-E Disposall in one handsome appliance that replaces the old-fashioned sink. Easily, quickly installed in new or old kitchen.

Ask your General Electric Dealer to demonstrate the G-E Electric Sink for you, or mail the coupon for descriptive literature.

"It's Easy To Stay Young Electrically"

**GARBAGE
IS
DISPOSED
OF
THIS EASY
WAY**



Food wastes—peelings, pits, scraps, bones, etc. are scraped into sink drain. Down they go, into G-E Disposall, where they are reduced to a pulp and washed away like water. Disposall cleans itself.

Either G-E Dishwasher or G-E Disposall may be purchased separately at \$194.50 and \$99.50 respectively, f. o. b. factory. Easy terms.

General Electric Co.
Appliance & Mdse. Dept. SG-055,
Bridgeport, Conn.
Send free literature on G-E Electric Sink.
Name.....
Address.....
City and State.....

GENERAL ELECTRIC

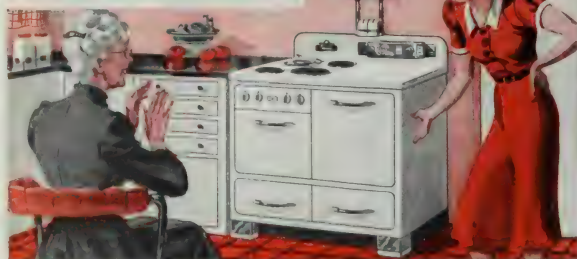
*"Even my husband's family
says my cooking's great!"*



1 Maybe I'm shattering tradition, Aunt Grace, but honestly, it's true! Of course, no one expects a bride of seven months to be a good cook. And especially me! But Bob's family keeps asking me to show them how I make such delicious roasts, pies and cakes.



2 They simply wouldn't believe me when I insisted I just couldn't go wrong with my Frigidaire Range. Why, cooking's so easy. I just follow the cook book and my new range makes everything a delicious surprise. And so fast! The marvelous Speed-Heat Units have five heating speeds... a speed for every kind of cooking. They bring foods to cooking temperature in a jiffy.



4 I finally convinced them that it was the Frigidaire Electric Range that made this wonderful difference in cooking. Bob's mother has owned a Frigidaire refrigerator for years. After that, she said it was no wonder my new electric range by Frigidaire has so many fine features, is so beautiful and so thrifty to use. Honestly, I never realized what fun it was to cook until I got my Frigidaire Electric Range!

Extra Fast! Extra Sure! Extra Thrifty!
9 Models — 9 Bargain Prices

SUPER-SIZED EVEN-HEAT OVEN gives perfect baking and roasting results.

SPEED-HEAT COOKING UNITS with 5 speeds to meet every cooking need, from super speed to slow simmer.

Made by the Frigidaire Division of General Motors, makers of the world-famous FRIGIDAIRE REFRIGERATOR. Be sure the store you go to sells the FRIGIDAIRE ELECTRIC RANGE.

FRIGIDAIRE
Electric RANGE



Orange Souffle Puffs Itself to Top Prize

[Begins on page 41]

Pie, Chop Suey, Shepherd's Pie, or your special masterpiece. Save sturdy stews for a contest coming up.

Under Pineapple Creations, we'll welcome anything at all in which pineapple is chiefly honored. Could be fresh or canned, used as gems, tidbits, slices, spears, crush, or juice. Might be pineapple punch or salad, pineapple upside-down cake or tapioca, pineapple pie or candy, pineapple frozen or broiled.

And remember, the winners of these 21 prizes, if they specify in their recipes one or more of the products advertised in this or in the past six issues of *Better Homes & Gardens*, will receive a package of each advertised product they mention, the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "May One-Dish Dinner Recipe" or "May Pineapple Recipe."

2. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.

3. Be sure to specify in your recipe the brand names of the nationally known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.

4. Include 50 to 100 words about the history or origin of your recipe.

5. All recipes submitted become the property of *Better Homes & Gardens*.

6. Contest closes midnight, May 31.

7. Address the recipes you enter to 6305 Tasting-Tel Kitchen, *Better Homes & Gardens*, Des Moines, Iowa.

"Veal With a Flourish" Is This Month's News

Send 4 Cents for This New
Leaflet

IT'S scandalously easy to get into a rut with veal. So "Cooks' Round Table News" brings you this month "Veal With a Flourish," full of the most tempting ways we've seen to dress up young calf meat. Vegetable Veal Birds tuck a crew of vegetables into veal roll-ups, braise them in mushroom soup. A Veal Steak floats light red Tomato Dumpings. Pungent Veal Steak pounds in seasonings, adds vinegar and molasses. Vienna Veal With Noodles carries a breath of the Old World. And Veal Steak Roll adds ham to its stuffing. There are a stuffed Veal Chop with ham and mushrooms inside; a Waikiki Veal Chop baked with pineapple, prunes, and carrots; and a Spanish Veal Chop that is brisk but not fiery.

For "Veal With a Flourish," send 4 cents to 7205 Meredith Building, Des Moines, Iowa.

I COULD JUST SEE THE GIRLS MAKING FUN OF MY CAKE!



NO wonder Alice was so upset! The cake she'd planned so much on had turned out a dismal failure!

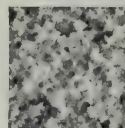
Too bad she didn't know the importance of baking powder, that any woman who bakes can be more certain of success every time with dependable Royal Baking Powder.

You see Royal, made with Cream of Tartar, has a "special" steady action that is different from most baking powders. Royal begins its work the moment it is stirred in the batter. Thus the expansion of the batter is continuous and even. That is why Royal cakes are fine-grained...light...fluffy. Why they keep their delicious moistness and flavor longer.

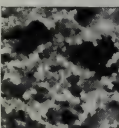
Many ordinary baking powders seem to have an explosive, uneven action. A greater part of the expansion is delayed until the cake is in the oven, and rising is often over-rapid. It may blow the batter full of large holes. Then the cake will be coarse...dry...crumbly.

See these actual photographs of cake, magnified, and the different results:

**STEADY BAKING
POWDER ACTION**



**UNEVEN BAKING
POWDER ACTION**



Only 1¢ a cake—that's about all it costs to get the greater assurance Royal gives—to protect ingredients costing 30 to 40 times that much. Pure Cream of Tartar makes Royal cakes moist per can—but the difference per baking between Royal and ordinary baking powders is only a fraction of a cent!

Remember, Royal is the only nationally distributed baking powder made with wholesome Cream of Tartar—a product of fresh, luscious grapes. Cream of Tartar leaves no acid "baking powder taste." So ask your grocer for ROYAL. Use it whenever you bake. You'll agree it's well worth the difference in price.



**ROYAL COOK
BOOK FREE**

If you bake at home, you should have a copy of the Royal Cook Book which tells you how to make delicious cakes, biscuits, muffins, pies, puddings and main dishes. Send your name and address to Royal Baking Powder, 691 Washington St., New York City, Dept. 305.

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BETTER HOMES & GARDENS, MAY, 1940

Polish Cutlets

"Nutmeg's the secret of the gray's success!"—

- 1½ pounds ground veal
- ¼ teaspoon paprika
- ¼ teaspoon nutmeg
- 1 beaten egg
- 2 tablespoons water
- ½ teaspoon lemon juice
- 1 cup dry bread crumbs

Salt and pepper
◆ Combine meat, fat, lemon juice, and seasonings; form patties. Dip into egg mixed with water, then into bread crumbs. Brown in hot fat. Cook 15 minutes. Serve with **Piquant Gravy**: Add 1 tablespoon flour to 1 tablespoon pan drippings. Add 1 cup milk; cook thick, stirring constantly. Season with salt, pepper, ½ teaspoon nutmeg, and 1 teaspoon lemon juice. Serves 8.—*Mrs. L. H. Fischer, Springfield, Mo.*

Stuffed Veal Roast

"Fine, moist stuffing for leg, shoulder, or rump!"—

- 1 4-pound shoulder or rump of veal
- 3 cups bread cubes
- 1 cup diced celery
- ¼ cup minced onion
- ½ cup milk
- 1 cup minced onion
- 3 tablespoons salt and pepper
- 1½ teaspoon poultry seasoning
- Salt and pepper
- 6 slices bacon

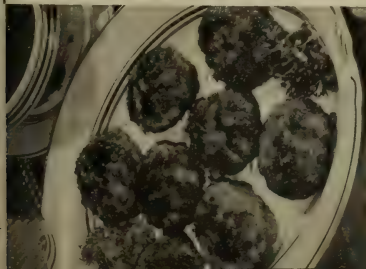
◆ Have pocket cut in veal. Combine bread cubes, celery, onion, milk, and seasonings; stuff pocket; tie or secure with skewers. Combine remaining ingredients, except bacon; spread over meat. Lay bacon over top; roast uncovered in slow oven (300°) 40 to 45 minutes per pound. Serves 8 to 10.—*Leth E. Flowers, Seattle, Wash.*

Breaded Veal Cutlets

"Flattering partners—mushroom soup and veal!"—

- 2 pounds veal round
- 2 tablespoons water
- 6 tablespoons fat
- Salt and pepper
- 1 cup milk
- 1 10½-ounce can condensed cream of mushroom soup
- 2 slightly beaten eggs

◆ Cut veal in individual servings; season. Dip into crumbs, then in egg mixed with water, and again in crumbs. Brown in hot fat; pour over milk mixed with soup. Cover; bake in slow oven (300°) 1 hour. Serves 6.—*Maddyn P. Tookley, San Diego, Calif.*

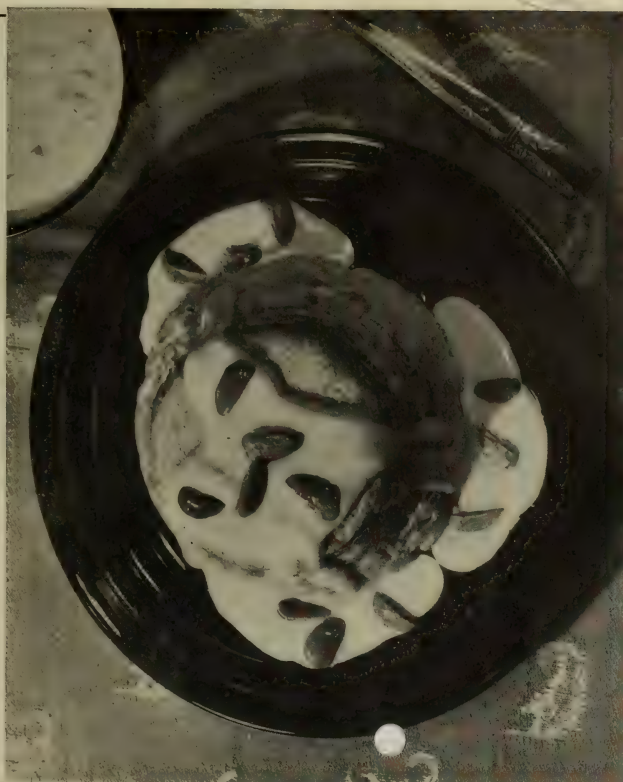


COOKS' ROUND TABLE of Endorsed Recipes*

*RECIPE U. S. PAT. OFF.



Springtime Desserts



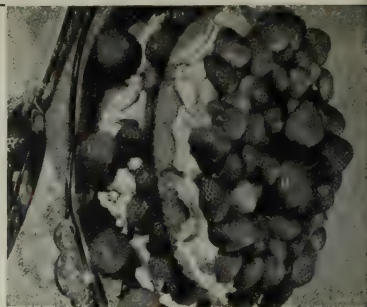
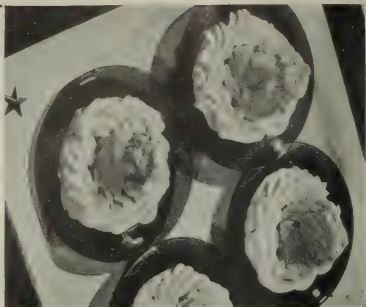
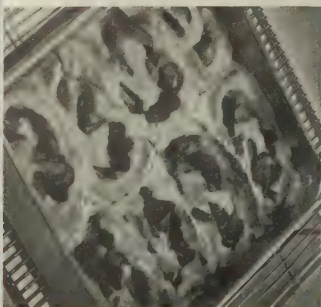
Edwin A. Falk

"A perfect spring dessert! Delectable, simple, stays up well!"—

- 3 egg whites
- 3 tablespoons granulated sugar
- 2 tablespoons orange marmalade
- ¼ teaspoon orange extract
- ½ cup chopped almonds, toasted

Orange Soufflé With Foamy Sauce

Beat egg whites to a stiff foam; gradually add sugar and continue beating until mixture forms peaks that bend slightly when beater is lifted. Add orange marmalade and orange extract; pour into greased top of double boiler. Place over hot water, cover, and cook 1 hour. Turn out on warm serving plate. Pour over **Foamy Sauce**: Beat 3 egg yolks, ¼ cup confectioners' sugar, ½ teaspoon vanilla extract, and ½ teaspoon salt; fold in 1 cup heavy cream, whipped. Chill. Sprinkle with nut meats. Serves 4 to 6.—*Anna Rice, Minneapolis, Minn.*



Spring Shortcake

"Shortcake de luxe—like a tart, but easier!"—

- 1/4 cup shortening
- 1/2 cup sugar
- 2 egg yolks
- 1/2 teaspoon almond extract
- 1 3/4 cups cake flour
- 1/4 teaspoon salt

2 teaspoons baking powder

- 1/2 cup milk
- 2 stiff-beaten egg whites
- 1/2 cup sugar
- 1 pint strawberries

Cream shortening and sugar; add egg yolks and almond extract; beat well. Add sifted dry ingredients alternately with milk. Pour into two 8-inch layer cake pans. Spread layers with meringue made of egg whites and sugar. Bake in moderate oven (350°) 40 minutes. Sweeten sliced strawberries; spread lower layer and top. Serve warm.—*Mrs. Paul Miller, The Plains, Ohio.*

Peppermint Mousse in Meringue Shells

"Pink and velvety smooth, in candy shells!"—

- 1/4 pound peppermint stick candy
- 1 cup heavy cream, whipped
- 1/2 cup light cream
- Pinch of salt

Crush candy; add light cream and beat until candy dissolves. Cool; fold in whipped cream; add salt. Freeze in meringue shells. Add 1/8 teaspoon salt, 1/4 teaspoon cream of tartar, and 1/4 teaspoon vanilla to 2 egg whites; beat to a stiff foam. Gradually add 1/2 cup sugar. Beat very stiff. Spoon or form cups with pastry tube on unglazed paper placed on cookie sheet. Bake in slow oven (250°) 1 hour. Serve 4.—*Mrs. E. L. Ebbehjansen, Minot, N. Dak.*

Rhubarb-Strawberry Roll

"Two of Mary's favorite fruits do a sister act!"—

- 2 cups diced rhubarb
- 1 cup sliced strawberries
- 1 cup water
- 3/4 cup sugar
- 2 cups flour
- 1 beaten egg

Slightly sweeten rhubarb and strawberries. Make syrup of water and sugar in 8-inch square pan; cook 5 minutes. Make biscuit dough of remaining ingredients. Roll to 1/2-inch thickness, spread with fruit; roll. Cut in 1-inch slices; place in hot strip. Bake in hot oven (450°) 25 minutes. Serve hot with cream. Serves 8.—*Leona Ladd, Plymouth, Wis.*

(15)

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COOKS' ROUND TABLE of Endorsed Recipes*

Versatile Veal



"Really bacon wrapped birds, but extra fine!"—

- 2 pounds veal steak
- 6 slices bacon
- 3 slices bread, cubed
- 1/4 cup milk
- 1 beaten egg
- 1/2 pound ground pork shoulder and veal
- 1 small onion, chopped
- 1 teaspoon salt
- 1/4 teaspoon pepper
- 1/4 teaspoon sage
- 6 whole carrots

Cut veal in serving pieces, reserving trimmings to grind with pork. Place each piece of veal on a slice of bacon. Make stuffing of remaining ingredients, except carrots; place spoonful on each piece of veal. Roll; fasten with toothpicks. Brown in hot fat. Add carrots; cover and bake in moderate oven (350°) 1 1/2 hours. Cover 20 minutes to crisp bacon. Serves 6.—*Mrs. J. A. Roark, Superior, Wis.*
If the oven cooks this May Day dinner of Stuffed Veal Roastlets and a Rhubarb Brown Berry for dessert. Add a jellied vegetable salad made with tomato juice. Toast hard rolls.

Edna Brown



More Joy From Your Silver

Oneida, Ltd., Community. Photographs by Emile Danielson



On your silver follow the polish lines the manufacturer has established. Rub hollowware containers in full, horizontal circles around. Polishing in small circular dabs, without a final rubbing in one direction, robs silver of its luster

By Mathia Doris and
Dorothy Horrigan

ALL of us have notions we cherish as zealously as tho they were great truths. One of these is that while silver is beautiful stuff to look at and satisfying to possess, it's the dickens to keep clean and shining.

It's true that silver—both sterling and plate—has natural enemies, but they're pushovers when you apply the right technique. The best protection you can give this fine metal is use. Rotate the pieces. Give every major item a turn regularly and ring in minor pieces whenever practicable.

Silver is no fragile metal. It's an amazingly sturdy one, the stuff of which heirlooms are made. Its enduring splendor is presented dramatically in the magnificent antiques in a museum. Generations have used those pieces, washed them, polished them, and used them again. And here they are—things of beauty and joys forever. Elbow-grease, wisely used, is wonderful.

Your own silver, constantly used, will take on some of that museum-piece glory. Here's why. Silver is a porous metal. When you use it often, you wash and polish it often. Skillful polishing is silver's kindest friend. It not only removes tarnish but tones down and blends together small scratches which come with use, giving it luster and depth.

IN THE great houses from which so many of the museum pieces came, the care of the silverware was the butler's duty. Centuries of hand-rubbing—actually with the bare hand, using no cloth or polish—produced the rich color and mellow finish. The chances are that your own new silver already has a "Butler



Rub flatware briskly but gently lengthwise. After polishing, wash well, rinse in hot clear water, and wipe dry

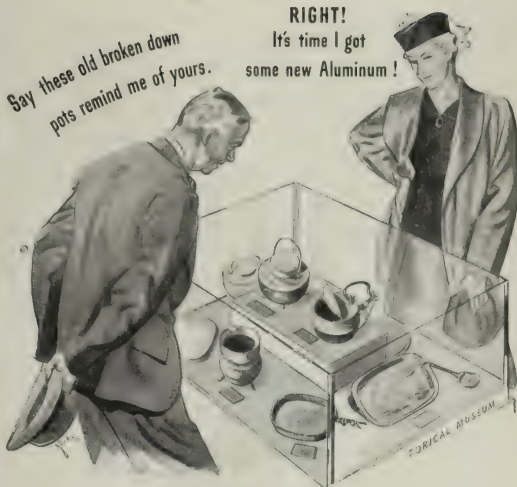
Finish." This is the name of a fine, soft luster applied by the modern silver manufacturer to simulate the effect of long hand-rubbing. It's produced by buffing with carefully selected abrasives. Your silver comes to you glowing with the equivalent of years of hand-rubbing. All you have to do is keep up the good work.

SINCE the Butler Finish applied in the factory is actually formed by microscopic scratches running parallel to one another, it's important for us, in polishing, to rub with these lines, not against them. Flatware, those pieces laid flat upon the table—knives, forks, spoons—are polished lengthwise. In hollowware—teapots, water pitchers, compots, vegetable dishes, trays, and other container pieces—the polishing usually runs horizontally on upright pieces and lengthwise on trays.

Your own domestic polishing requires skill, too—more skill than energy. There's a right and a wrong way to polish, and [Turn to page 106

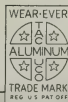
Say these old broken down
pots remind me of yours.

RIGHT!
It's time I got
some new Aluminum!



Pots and pans that never were efficient or that have grown worse for wear, have no business in your kitchen. They waste fuel, food and time. Heat spreads rapidly to all parts of Aluminum utensils, cooking foods evenly; browning them beautifully. No "hot spots" to burn and waste food.

Friendly-to-food Aluminum helps retain minerals and vitamins; helps keep food healthful, appetizing. Just a few reasons why seven out of eight women use Aluminum. For forty years the famous Wear-Ever trademark has been the guide to top value in cooking utensils. If you do not know where to buy Wear-Ever, write The Aluminum Cooking Utensil Co., 1705 Wear-Ever Bldg., New Kensington, Pa.



LOOK FOR THE WEAR-EVER TRADEMARK WHEN YOU BUY

Your thousand meals a year deserve
up-to-date Aluminum Cooking Utensils

FOR FLAVOR



FOR HEALTH

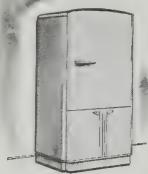


FOR ECONOMY



Aluminum at its Best:

"Wear-Ever"



Take a Tip

FROM MANUFACTURERS
OF REFRIGERATORS!

Insulate your home
with *low-cost*

KIMSUL
INSULATION

DAN W. DELAY,
Columbus, Ohio,
whose home is shown
here, writes: "My choice
of KIMSUL was not de-
termined by haphazard
methods... but fact-finding... we made no mis-
take... our heating costs
have been surprisingly
low."



This Wonder Insulating Material Keeps
Homes Delightfully Cool or Cozily Warm!

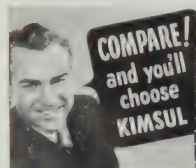
● Proper insulation is most important in a refrigerator. For, unless a refrigerator is efficiently insulated, operating cost will be excessively high due to room heat leaking into the food compartment, increasing the load on the refrigerating mechanism. What a tribute to KIMSUL* then, that it should be the insulating material selected for use in refrigerators. Engineers and other expert buyers also use KIMSUL in the insulation of motor cars, busses, streamline trains—wherever protection against heat and cold is desired.

Made of wood, transformed into soft, flexible blankets through the magic of modern chemistry, KIMSUL is one of the safest, most efficient and lasting insulating materials known. Being wood, it will last as long as wood construction. Scientifically treated, KIMSUL is highly resistant to fire and moisture, it relieves you of worry. Having remarkable heat-stopping power, it assures greater comfort winter and summer—and its low cost is usually soon repaid in fuel savings.

Investigate low priced KIMSUL today! You'll find that it can make a big difference in your comfort the year 'round, and that the ease with which KIMSUL can be installed makes for lower insulating costs.

MAIL COUPON TODAY!

*Reg. U. S. and Can. Pat. Off.



**COMPARE!
and you'll
choose
KIMSUL**

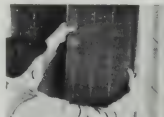
KIMBERLY-CLARK CORPORATION (Kimsul Division)
Established 1872 BHG-5
8 South Michigan Ave., Chicago
Send Free Book, "Greater Comfort—Winter and Summer"

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Attached to lath plate with
lath and a few nails.



Exactly fits standard stud
sparing widths.



Nailed at bottom—and cut
off. Won't sag or pull out of
position because KIMSUL'S
rows of strong stitching hold
it permanently in place!

Let's Fix Up the Garage

*It isn't necessary to pamper it, but we might
as well make it comfortable and nice looking*



Refinishing a garage interior is a matter of only a few hours with panel-type fiberboards. Most such boards, incidentally, combine fire-resistant qualities with insulating and structural qualities. They're quite readily available

By Harry Homer

THE present-day attached garage has become the No. 2 entrance hall of the modern home—proving there is really nothing new under the sun.

Perhaps if you're an opera fan, you'll remember how in one of Wagner's operas is shown an entrance hall of magnificent proportions where were welcomed the guests to the castle. The guests rode their steeds straight over the flag floor, under the huge tresses of the roof, to dismount.

So we can't claim anything original in an attached garage, even if our steed has been motorized and it's auto-borne instead of horse-borne traffic that dismounts under cover and enters our castle directly.

Better than that, no knight of the Valhalla heyday had an electric switch to open the doors for him. If he had he wouldn't have known what it was for nor where to put it.

You do. You know that the switch can be placed anywhere that's convenient—in the garage itself, in the living-room, on the stairs, in the kitchen, or outdoors.

You also know about cement and tile floors that are easy to keep clean and can be very colorful—and somewhat more suitable than flagstone.

You know about weatherstripping for the doors and windows, and insulation for the walls and ceiling—for the well-clothed attached garage today has just as much attention given to heat economy as has the house. It should. The best way to heat it is by direct connection to the home heating system, particularly if this is a radiator system. One small radiator in a well-insulated garage is enough to keep it snugly warm.

EVEN if you're as weather-resistant as your horny-handed ancestors, and don't mind stepping into a cold garage, your car isn't. Have a heart and save it from the chilblains the bearings are sure to get from those hurried cold starts. And give it a bit of protection from dirt and dust-laden air. You'll be amazed at how much longer the upholstery will wear—really.

But don't get me wrong. Tho the garage is no orphan child, you don't have to pamper it. It needn't be fitted out with rugs and draperies, nor hung with the classic painting

Make it your
'Regular' Rule

TRY

**LEMON
& SODA**

First or last thing daily, Juice of 1 Sunkist
Lemon and $\frac{1}{2}$ tsp. baking soda in tall glass
half full of water. Drink as foaming subsides.
FOR FULL DETAILS SEE PAGE 107.



THE SATISFACTION OF A DISTINCTIVE BATHROOM

No other room so clearly mirrors your personality as your bathroom. Worth all the thought you put into it to make it charming and unusual, your bathroom deserves the advanced design and true convenience of Case Vitreous China. The **T/N One-Piece Water Closet**, shown above, gives you quiet operation, non-overflow, lifelong satisfaction. And yet, with Case fixtures, higher quality can be had within the limits of a modest budget.

There is a distributor in your area where Case fixtures are on display, and where financing, if necessary, can be arranged. Write for name and address—and for free illustrated booklet, Dept. B-50, W. A. Case & Son Mfg. Co., Founded 1853, Buffalo, N. Y.

CASE

DISTINCTIVE PLUMBING FIXTURES

SEE OUR GUARANTEE TO YOU PAGE 127

your Aunt Emma picked up at the Chicago Fair. But there's no law against your giving it a flavor of tasteful design, inside and out.

Nor can the Little Woman fail to love you if you'll provide a big closet to hold raincoats, rubbers, tools, hose, car trunks, chains, garden paraphernalia, minnow buckets, ball bags, oil cans, chamois, car wax, winter front, the car compass that never worked, and the top of the baby buggy out of which you made a plant-food cart. There isn't a woman born who'd squawk at having those dainties out of her well-furnished love-nest.

OH YES, don't forget a grease trap in the floor drain to catch the oil-and-grease drip that might clog up the dry well when you wash the floor. For that matter, you could also provide a drip pan underneath the chariot. And, of course, it's needless to remind you that no well-reared garage these days goes without a faucet connection for general utility, if not for giving the motor-steed a bath.

Did I forget to mention the doorway? You wouldn't think of fancying up the garage and then let your guests wade thru the snowdrifts. Of course, if you don't like these latest examples of feminine headgear either, you could fail to provide a direct, weather-protected entrance to the house from the garage—and let the summer thundershower do to the hat what you haven't the crust to do by personal mayhem. But if you have no such sinister intentions, provide either direct entrance or an inclosed passageway for family and guests.

KEEP in mind that for a few dollars you can line the walls and ceiling of the garage with a fiberboard that will provide an armor-plating of insulation as well as a handsome interior wall and ceiling surface. You can build the big closet and lockers out of the same material. Enameled, or painted with washable paint, this material makes the place look as tho it really belonged to you.

Such a garage will be a fitting welcoming hall for guests and a comfort to the family. But one thing remains to be emblazoned on my banner: Architects and builders must be given the leeway to design a garage with ample sideroom—while you're building. Usually it's only after you've skinned your shins and soiled your new ice-cream suit squeezing between car and wall a half-dozen times that you become aware of your stinginess.

AND, by the way—remember—no more doors that won't open when the snow drifts up, or doors that smack you in the nose as they slam shut in a heavy wind! Such a reform would be suitable occasion for the award of medals for distinguished service to mankind.

We've intimated little, of course, about the extra-curricular activities of a garage—workshop, garden house, storage room, etc. But many are the garages used as such, with one end so converted, and with screens and such stored overhead.

Anyhow, tho it already has its royal coach, the garage needs a fairy godmother.

**THE ENGINEERING THAT
GOES INTO DODGE CARS
COSTS YOU NOTHING EXTRA
—YET IT WILL SAVE YOU
MONEY IN MANY
IMPORTANT WAYS!**

FRED M. ZEDER, Vice Chairman and Head of Engineering*

**DO YOU KNOW THAT
DODGE
HYDRAULIC BRAKES
ARE BETTER IN
3 VITAL WAYS!**

CARL BREER, Director of Engineering Research*

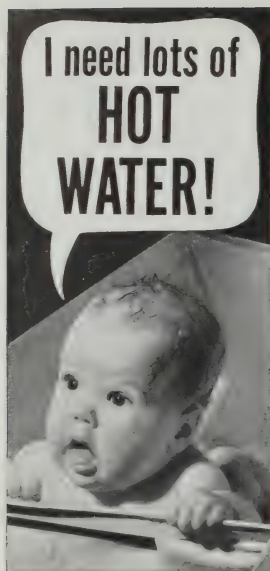
**DO YOU REALIZE
THAT THE 1940 DODGE
SELLS FOR JUST A
FEW DOLLARS MORE
THAN SMALL CARS!**

OWEN R. SKELTON, Director of Engineering Design*

* CHRYSLER CORPORATION

**4,061 ENGINEERS BOUGHT DODGE
IN THE LAST 12 MONTHS†**

DODGE PRICES START AT \$755 DELIVERED IN DETROIT. ALL FEDERAL TAXES AND ALL STANDARD EQUIPMENT INCLUDED. TRANSPORTATION, STATE AND LOCAL TAXES (IF ANY), EXTRA.



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BRINGING up baby—and the rest of the family, too—requires plenty of hot water at all times! Guard their health—save yourself time and labor—by installing a Hotpoint Automatic Electric Water Heater. It's thrifty to operate—sold on easy terms!

Hotpoint Water Heating Better In 5 Big Ways

1. **SAFE**—No matches, no flames, no fumes, no danger! No exposed valves or parts.
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Investigate low electric water-heating rates in your locality.

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CLOTHES DRYERS • ELECTRASINK • DISHWASHERS

Edison General Electric Appliance Co., Inc.
5612 W. Taylor Street, Chicago, Illinois
Kindly send me full details about the Hotpoint Electric Water Heater.

Name _____
Address _____
City _____ State _____

MAIL COUPON NOW!

Paint-Up Time for Summer Furniture

[Begins on page 32]

and will appear in ugly streaks just where it's least welcome. Thin tube-color with a little turpentine, add some of the paint, stir thoroughly, then combine the mixture with that in the large container and blend well. For mixing tube-colors there's nothing handier than paper drinking-cups, and a small glass rod is tops for stirring. Finally, strain your paint thru a paint-strainer or a wire fly screen to take care of any lumps left in the bottom of the can.

Try hard to mix enough paint for your needs. If you do miscalculate, match your new batch with some of the undried paint left in the first can. It's important that you match paints in this manner, for paint in drying usually changes color.

Scrub Up, Smooth Down Before You Paint

But back to the furniture. It must, of course, be all ready for its paint before any mixing is done. Wash, rinse, and let it dry thoroughly. The least soap left on will mar the finish. If the old finish is in bad shape, clean with a wire brush, scrape off loose particles, then rub down with medium sandpaper. In bad cases of cracking and scaling, use a paint-and-varnish remover, followed by a priming coat thinned with turpentine. If the old finish is glossy, wash it with a solution of one pound sal soda to a gallon of water, then rinse carefully.

Be sure to remove all rust from wrought iron and other rustable metal furniture or it will continue its devilish devastation under the new paint. Use sandpaper or steel wool. Then touch up the spots with the paint you'll use for finishing or, better yet, with red lead. Let this dry thoroughly. Metal that's never been painted needs a special metal primer to prevent corrosion. You can get it at any paint store.

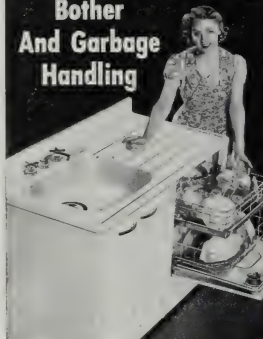
Furniture that will spend the summer with no roof over its head needs two coats of outside house paint or exterior enamel to withstand sun and showers successfully. For a natural-wood finish, use spar varnish.

For porch furniture—whether wood, wicker, metal, or rattan—flat paint or enamel will give adequate protection. One coat will do if the old finish is in good condition. Flat paint hides imperfections the best, but enamel is more durable and washable. If in doubt about the number of coats, use a flat paint first, then, if needed, a second coat of flat paint or enamel. Or an enamel undercoat may be applied beneath enamel.

Pointers on the Painting Proper

For the actual painting, choose a spot well protected from dust. Save yourself a lot of bending by turning small tables and chairs upside down and painting the underneath sections first. Then reverse and finish. With enamel or varnish, "flow" it on, retouching as little as possible. But in working with flat paint, brush it back and forth. When coating wicker or reed furniture, brush out

NEW! HOTPOINT ELECTRASINK Banishes Dishwashing Bother And Garbage Handling



Go Modern All The Way!

SCIENCE again improves home conditions with Hotpoint Electrasink. This complete sanitation work center consists of a new Electric Dishwasher (not to be confused with old-style dishwashing machines), an Electric Waste Exit, full-sized Sink and Storage Cabinet.

Consider These Facts Before You Build Or Modernize

1. **ENHANCES VALUE OF YOUR HOME**—Makes kitchen up-to-date; adds to re-sale value.
2. **DISHWASHER SAVES AN HOUR A DAY**—Twenty minutes per meal.
3. **PROTECTS HEALTH AND BEAUTY**—Dishes are hygienically cleaned. No "dish-pa" hands.
4. **COSTS LESS THAN 15c A WEEK FOR AVERAGE USE**—Pays a big return on investment.

Electric Dishwashers, Dishwasher Sinks and Waste Exits can be furnished separately. Models are available to fit under standard work surfaces or sinks. All can be easily purchased on small monthly payments. Go modern all the way. Make your kitchen a model of sanitation.

Before you build or modernize, investigate Hotpoint Electrasink. Mail coupon.



● Hotpoint Electrasink actually saves an hour every day. Helps protect the family's health and eliminates forever those most dreaded of all household tasks—"doing the dishes" and "handling the garbage."

Hotpoint

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MAIL THE COUPON TODAY!

the enamel thoroughly so that it doesn't collect in the crevices.

And of course there'll be cushions—glorious, newly covered cushions in jewel colors and smart young patterns, proud as punch of their freshly painted chairs and love-seats and benches. Smartest tricks we've seen this season are outdoor chairs with seat cushion of solid color, the back cushions striped or plaid.

Summer Furniture Preview—

1940! Just look—there they go! It's the fashion parade of 1940 outdoor furniture! There's white rattan with yellow and white cushions, rattan painted turquoise, rattan with cool gray-green cushioning and a weathered finish that looks like pickled pine. There's wooden furniture painted red and white, with white and red cushions. . . . A bamboo chair with cushions of rust color piped in yellow. . . . Metal furniture painted lemon, pink, sapphire, emerald, brown, gun metal, and crocus yellow. And look! A gun-metal painted table with a vermillion top and a family of white chairs with vermillion cushions! Next come reed chairs painted navy blue, striped in chartreuse green, cushioned in white. And cool gray chairs with cushions in citron yellow. And a white-painted wooden bench with a chocolate brown frame.

What an invitation to summer relaxation! But don't let it get you, my friends. This is no time to relax. This is the time to paint furniture!

Remodeling?

Money for Your Pictures

MAYBE you're remodeling your kitchen, your bathroom, your living-room, your attic, or your whole house.

Remember that *Better Homes & Gardens* is eager to see "before" and "after" photographs showing the improvements you make.

Get out your camera and take some good pictures of all exteriors and interiors you're remodeling before you start work; or have a good photographer make the pictures. Then, when the improvement is completed, take "after" pictures from exactly the same positions (they show contrast better) as the "before" pictures. Clip each "before" to each "after" taken from the same position and send them to John Normile, Remodeling Editor, *Better Homes & Gardens*, Des Moines, Iowa.

If we can use them, we will give you further instructions and will pay you our regular editorial rates for your trouble.



“Don't let the fire get me again, Daddy”

DON'T wait until tragedy proves that you need protection against fire. Remember that insurance doesn't fully pay fire losses. It can't bring back life nor remove the scar of a terrifying experience.

When you build or remodel, be sure to use fireproof materials. Though there is no positive guaranty against fire breaking out, great strides have been made in developing materials to control its spread. These materials protect life and property. In most cases they save you money!

For example, there is Sheetrock, the fireproof gypsum wallboard. *It won't burn.* Sheetrock walls and ceilings have held fire in check for a full half hour and more! In ad-

dition, fireproof Sheetrock actually costs less than many ordinary combustible materials!

Sheetrock's superiority doesn't stop with fire protection. It won't warp, buckle or rot. Walls and ceilings built with Sheetrock stay smooth. And Sheetrock provides a superb base for decoration. A skilled workman will make Sheetrock joints vanish.* Then any decoration goes on easily and quickly . . . these exclusive and outstanding Sheetrock features are reasons why many contractors and builders will tell you—"When you use wallboard, use *fireproof* Sheetrock."

USG research in home construction assures better, safer materials—helps you have the desired comfort, security and economy.

For every family that wants a home of its own

Are you planning to own a home? Then you need "How to Have the Home You Want," containing 116 pages of important facts on home ownership—discusses architecture, proper planning of kitchens, living rooms, closets; shows how to protect against fire, how to guard against cracks; tells how to select insulation; gives hints on selecting property; analyzes modern home financing; contains up-to-date information on modern materials.


Worth much more than the modest charge of 10c to cover handling and mailing, it may save you many dollars in costly mistakes. Ask your USG dealer, or mail the coupon today.

*For vanishing joints, ask for Recessed-Edge Sheetrock and Perf-A-Tape.

UNITED STATES GYPSUM COMPANY



—where research develops better, safer building materials

SEE OUR GUARANTEE TO YOU  PAGE 127

UNITED STATES GYPSUM COMPANY
Dept. 50, 300 West Adams Street, Chicago, Illinois
Please send me—"How to Have the Home You Want" on
building or buying a home. I enclose 10c in coin or stamps.

Name.....

Address.....

City.....State.....18HG-540

OH, BOY! THAT
DELSEY IS SOFT
LIKE KLEENEX

DELSEY
TOILET PAPER

Soft like Kleenex

3 Rolls for 25¢... Double-ply for Extra Strength

* TRADE MARKS REG. U. S. PAT. OFF.

Summer Takes



Rug, Deltox Rug Company; Furniture, Heywood-Wakefield Co.

Cool and refreshing thru the hot days, yet colorful enough for winter, is this sunny room, its heavy fiber rug marked with a large plaid of gray and black shot with stripes of yellow sisal, its practical, attractive furniture of blue and natural stick reed

By Maurine Shaw Holloway

COMES warm weather, and we rush busily and happily about, stowing away blankets, heavy coats, and all the other woolens we can lay hands on. They look hot; they are hot; and nobody wants them around. But the biggest items of "woolliness" in our whole domestic scene we likely leave right out in plain sight for the duration of the summer, never thinking how much cooler and more comfortable our homes would look were they out of the way.

Our rugs? You're right! And why more of us don't do something about them is difficult to analyze, especially with the loads of perfectly scrumptious summer rugs available these days to help us achieve a fresh, cool effect in every room in the house. What to do with the big rugs if we do take them up? That's easy. First send them to a reputable cleaner where they'll be cleaned, moth-proofed, and wrapped against a new crop of pests. Then put them in the attic (basements are often too damp). Or leave them at the cleaner's. Most establishments have facilities for storing rugs during the summer at very little or no extra cost. Don't forget that your wool rugs should be cleaned thoroughly at least once a year, to lengthen their life and restore their color. And what a satisfaction to put down fresh, good-as-new rugs as an autumn lift to your decorating scheme!

NOW, with decks cleared for action, what about these bare floors? There are certain exponents of entirely naked floors for summer, but

I'm not one of them. I always suspect that the family started to move out, and stopped halfway. Besides, I like color on my floors, even in summer.

Anyone who still thinks of "summer rugs" in terms of those good old stand-bys, the stenciled grass rugs, has another think coming! Sisal, Cellophane, fiber, jute, cotton, and linen are just some of the materials which are today made up into floor-coverings so fascinating and truly inexpensive that many have a place in informal decorating schemes the year around.

IF YOUR budget raises an eyebrow, listen to this. For as little as \$10 you can buy a really lovely 9- by 12-foot rug designed for use indoors. Summer rugs used to look as if they'd wandered in from the porch. But no more. Modern designers have created textured weaves in glorious colors that will blend with even the most sophisticated type of home-furnishings.

For a cool-looking, informal living-room, try a heavy fiber rug shot with a skip-and-jump band of shining Cellophane. It's woven in plain grounds or square blocks, and comes in genuine living-room colors: natural, green, blue, brown, or burgundy. Similar types of rugs combine wool and fiber, sisal and fiber, and other materials in handsome, rough-textured weaves. You'll find stripes, plaids, all-over leaf designs, plain pastels and deep shades, florals, tone-on-tone, and ombre effects that are simply stunning and unbelievably reasonable. You've your

the Floor

Away with winter woolies! Cool and lovely to look at are the new summer rugs—inexpensive and durable, too



Klearflax Linen Looms, Inc.

Handsome for summer or the year around are woven linen rugs for your living-room or other rooms thruout the home. You have a choice of sizes, colors, and textured patterns

choice of a wide selection of colors that will go hand-in-glove with your pet decorating schemes. Many can actually be washed with a thick suds of good soap flakes, applied with a brush and rinsed with clear water.

If you favor that wall-to-wall effect which makes your room look larger, you can buy a number of these patterns in broadloom by the square yard, just like carpet, and have them bound to order. Or, since a certain amount of lovely, shining floor does give a cool, summery effect, why not use scatter rugs of any of these patterns, judiciously placed, as a change from the winter scheme?

YOU can ring these summer floor-coverings into any room in the house with perfect confidence that they're in good taste and that the whole family will thoroughly enjoy the change. Best of all, most of these patterns are reversible, letting you use both sides. And many are rain- and sun-resistant on a terrace or porch.

Cotton rugs for summer are a natural, and here, too, the selection seems practically unlimited. Hit-or-miss loomed rag rugs for Provincial rooms are familiar favorites, and the new versions in big chest-thumping plaids and stripes are equally at home in Modern or Provincial set-

tings. Oval braided rag rugs are my idea of something pretty special, particularly when used in the dining-room beneath the table and chairs, with plenty of gleaming floor as a background.

THERE are woven cottons, cotton chenilles, tufted cottons, and braided cotton yarns in so many exquisite colors and textures that if you shut your eyes you'd still pick out a winner. Some can be made up in large sizes to fit your rooms, but most come 9 by 12 feet or smaller. They all clean nicely, so you can gaily indulge your suppressed desire for light colors. That's really half the fun of having summer rugs. With incoming dirt at a minimum, you don't have to be so everlastingly practical in choosing a rug that won't show soil.

Lots of these rugs I write about aren't just summer boarders. They're highly desirable for year-around use, especially for bedrooms, children's rooms, and the family den.

And if you're in the mood to splurge a bit, especially in the living-room, you'll love the heavy rugs of woven linen, with sculptured designs of solid tufting. They're made in many smart modern and period designs, and in a [Turn to page 72

KLEENEX^{*} "TRUE CONFESSIONS"



**BLOW HARD,
BIG BOY!**

THE BOSS CAUGHT ON QUICK ABOUT KLEENEX—IT'S SO SOFT AND SOOTHING ON HIS NOSE WHEN HE HAS A COLD!

(from a letter by L. K., Chicago, Ill.)



I'M ALL A-TWITTER...

...SAID BUTCH THE BURGLAR, WHEN HE SAW HOW KLEENEX MADE DULL, DINGY SILVER SHINE LIKE NEW!

(from a letter by L. H. G., Philadelphia, Pa.)

SO I SEZ...

ONLY KLEENEX IS JUST LIKE KLEENEX. NO CLERK CAN PASS OFF A SUBSTITUTE BRAND ON ME!

(from a letter by E. H. S., Lansdowne, Pa.)



DIRTY HANDKERCHIEFS MEANT DIRTY LOOKS...

FROM THE WIFE AND LAUNDRESS... NOT TO SPEAK OF UNNECESSARY EXPENSE...TILL I DISCOVERED THE KLEENEX HABIT DURING COLDS!

(from a letter by R. H., Chicago, Ill.)

**"TWO TIMER,"
MY BEST GIRL SCREAMED**



NO MORE TELL-TALE LIPSTICK STAINS SINCE I SUPPLY ALL MY GIRLS WITH KLEENEX TISSUES!

(from a letter by A. B., Brooklyn, N. Y.)



**YOU, TOO, MAY
WIN \$500**

PEOPLE EVERYWHERE ASK:

"HOW DID WE EVER GET ALONG WITHOUT KLEENEX?" WE'LL

PAY \$500 FOR EVERY KLEENEX

"TRUE CONFESSION" PUBLISHED.

Mail yours to KLEENEX,

919 N. Michigan Ave., Chicago.

• During colds especially, Kleenex soothes your nose, saves money, reduces handkerchief washing. You use each tissue once—then destroy, germs and all.

Adopt the habit of using Kleenex. Now both 500-sheet and 200-sheet Kleenex come in the Serv-a-Tissue box that ends waste and mess... Keep one in every room in your home, one in your office, another in your car.

ADOPT THE KLEENEX HABIT!

KLEENEX^{*} DISPOSABLE TISSUES (*Trade Mark Reg. U. S. Pat. Off.)

REMEMBER OUR GENERAL GRANT BATHROOM? YOU'D NEVER KNOW IT NOW!



You might think these handsome new walls were expensive tile—but they're not. They're Masonite Presdwood Temptile, nailed right over the old walls and painted white, with black striping in the grooves. Above the wainscot, Tempered Presdwood is used on side walls and ceiling. And look at my built-in dressing-table and cabinets for towels, medicines, perfumes! They're faced with Tempered Presdwood. Aren't they lovely!



We streamlined the kitchen too! Walls are Presdwood Temptile, painted white, with red striping. Easiest thing in the world to keep clean and it doesn't harbor cooking odors. The clock is an ordinary electric clock mounted behind a removable section of Presdwood Temptile. That convenient planning desk-kitchen-table combination is made of Masonite Tempered Presdwood.



The old coat closet under the stairs is now a smart little powder room, with Presdwood Temptile wainscot and upper walls of Tempered Presdwood grooved at the joints. These Masonite boards are marvelous. They can be cut or sawed to any size or shape. And properly applied, they won't warp, chip, split or crack. If your home is beginning to look its age, try a Masonite "face-lifting" operation. You'll be surprised how little it costs.

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Mail this coupon for free sample and full details

MASONITE CORPORATION
Dept. BH-8
111 West Washington Street
Chicago, Illinois

Please send me free sample and complete information about Masonite Presdwood Temptile and Tempered Presdwood.

Name _____
Address _____
City _____ State _____

**MASONITE
PRESDWOOD
TEMPTILE**



THE WONDER WOOD OF A THOUSAND USES
Sold by Lumber Dealers Everywhere

I Grow Better Flowers in a Cloth House



Inside my cloth house my plants are safe from bugs, and the slight shade tempers the summer heat so it's several degrees cooler

By Ann Schley

I THINK I've found an inexpensive substitute for a greenhouse for you.

Last year my annuals, roses, China-asters, and chrysanthemums were better than any I had ever grown—the colors clearer, the stems of the yellow roses longer and sturdier, and the chrysanthemums almost too vigorous. They looked greenhouse grown.

I grew them in a cloth house. The disease-free foliage and the uniform excellence of plants grown under glass can't be expected from things exposed to the violence of summer storms and sun.

But, says I to myself last spring, wouldn't an inclosure of cheesecloth enable me to control temperature, light, and tarnished plant bugs which make flowers misshapen? Florists use cloth houses, don't they?

I selected a site in the open sun, because sunlight is important to plants under cloth.

How I Built It My house was to be 8 by 10 feet inside, with the flowers planted in a divided plot across the 10-foot length. This would give me room to cultivate and spray, also to grow a few cuttings and extras of various sorts.

Four husky, 8-foot locust posts were delivered late in February. We zipped the bark off with a draw-knife and planted a post 2 feet deep in each corner. We guyed each post securely to heavy buried stones.

Then we staped heavy wire to the posts, one strand around the top, one 1½ feet above ground, the two others between. We crisscrossed wires over the top. Around the bottom we nailed heavy 2-inch boards.

I bought 38 yards of cheesecloth. Roof and side sections I made by sewing strips together.

We used clothespins to hold the

top and side pieces of cloth together while we sewed them around the "eaves" with coarse string and big needles. Around the bottom the cloth was fastened to the boards with thumb tacks, then secured with lath, and earth hilled up all around the four sides to keep water out.

How I Planted But I'm ahead of my story. We spaded the beds and worked in 3 pounds of plant food, and planted the roses before the cloth was fastened to the wire. The cloth wasn't fastened on the wires until May 1, since it looked so flimsy I could scarcely believe it would last thru the chrysanthemum season. Let me say that the cloth did last, with a hole only where our kitten used her claws.

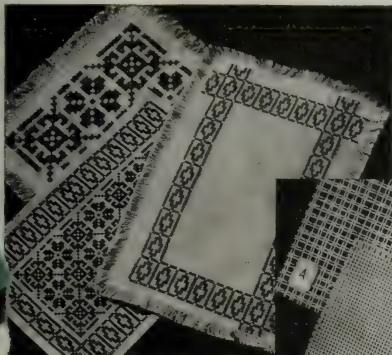
The way my rose roots embraced each other violated all rules for allowing plenty of room to each plant. Here, tho, there wasn't enough room to plant by the books. The roses have flourished, the stems have been long and stout, the blooms have had a perfection of color difficult to achieve in the sun's direct glare. The most notable effect of the shelter has been the length of time the blooms have lasted from the first color showing. A bud is a week in opening, retaining all its beauty for that period. There was no weakness of stem in these roses, no drooping of heads.

From my 10 rose bushes I cut 72 flowers by October 4. There was no sign of black spot. Aphids had to be controlled with a nicotine spray. July was a very wet month and mildew appeared on the foliage but disappeared after dusting with sulphur.

Planted Mums in March I began planting chrysanthemums about the last of March. The young plants were covered with cans and pots until the cloth was in place. Every plant looked strong and healthy. During the growing season I fed the bed twice; [Turn to page 124]

Cross Your Stitches

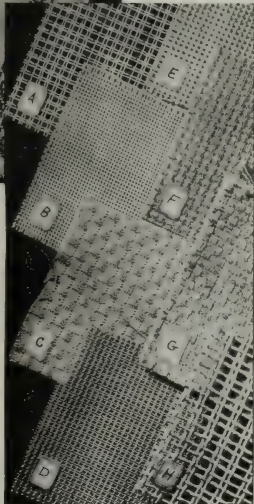
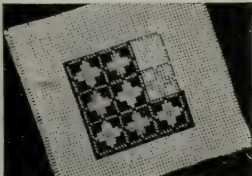
By Christine Ferry



Edwin A. Falk

Here's a single design varied to suit materials and shapes: top, a table mat or cushion top; center, place mat, all-over design; right, place mat, colored basket-weave fabric, border only

This colorful motif repeats for footstool, chairs, or for pincushion top



These square mesh textiles will guide your stitches. A—Penelope canvas; B—Scrim or Railroad canvas; C—Cotton drapery fabric; D—Needlepoint canvas; E—Linen Aida canvas; F—Cotton Aida; G—Monk's cloth; H—Smyrna canvas

CROSS-STITCH is a high-ranking favorite with us needle-players these days because it's easy as pie, adapts itself to many types of designs and threads, and blends perfectly with Early-American furnishings now so popular.

First mark out your design on cross-section or graph paper, each little square representing a single cross-stitch. Canvases and other evenly woven fabrics with the same number of threads to the inch in both directions can be worked directly from this chart. Linens of uneven texture, or those too closely woven to be easily separated with a needle, felted fabrics, upholstery textiles, even leather, may be cross-stitched over skeleton canvas basted to the surface. Threads are removed one by one after embroidery is finished. Or designs can be carefully transferred to smooth-surfaced linens with carbon paper.

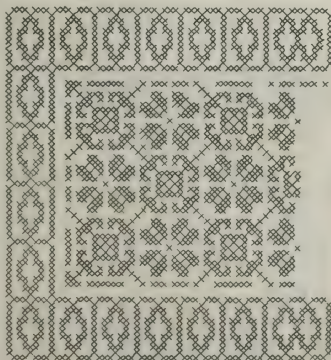


Chart 1

To form stitches, lay thread diagonally first in one direction, then in the other, like the letter "x." Quite large stitches are sometimes couched down with a tiny stitch at the intersection to hold diagonals in place. Double cross or rosette

WHEN THEY'RE GOOD
they're very very good...



WHEN THEY'RE BAD
they're hard on sheets...



Mothers who mind their P's and Q's BUY LONG-WEARING PEQUOTS

MY, DON'T the twins look sweet? Sleeping there like angels. And the sheets so clean and fresh and smooth... *Glory be! They're tearing the house down! Behaving like demons... and look what they're doing to those lovely sheets!*

Keep calm, Mother. Boys may be tough, but Pequots are tougher. We'll make a bet the boys give out first!

These are great sheets for active households—Pequots. Sheets so firm and strong don't need to ask for favors. Into every Pequot goes long, strong cotton—and firm, careful weaving. The very same qualities that make a Pequot look rich and handsome... give it long wear as well.

So whether wear or luxury is your goal, it will pay you to watch your P's and Q's. Get Pequots and be sure of both. Pequot Mills, Salem, Mass.



Pequots are certified every month by the U.S. Testing Company of New York.



This shield identifies the most popular sheet in America. Look for it!

PEQUOT



Is your front door OPEN TO COMPLIMENTS?

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Cross Your Stitches

[Begins on preceding page]

stitch, has second cross laid midway between arms of first. Carefully lay stitches so surface threads slant in same direction.

Illustrated are samples of canvases and basket-weave textiles obtainable in department stores and needlework shops. Embroidery and crochet cottons, silks, tapestry wools, knitting yarns, raffia, chenille, tufting cotton, and rug wool may all be used for cross-stitch—which one depends on character of background material and size of stitch.

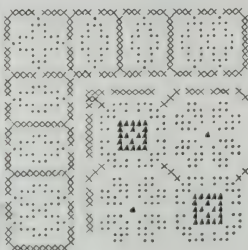


Chart 2

Before starting a piece of work, make sure material is amply large to accommodate the design. Measure and count threads or blocks carefully. Run dark thread from edge to edge to mark center in both directions if guide line is needed.

FOR all pieces shown we chose a single design, varying it to suit materials and shapes.

In the upper photograph on page 59 we show a section of all-over repeat design used to form square ornament for **Table Mat** or **Cushion Top**. Worked on monk's cloth with tapestry wool or Germantown yarn, design finishes 11 inches each way. When framed with border (see **Chart 2**), which also suggests color combination) size is increased $3\frac{1}{2}$ inches each way. To form square frame of uniform width, border units of **Chart 1** were shortened 1 stitch, placed in same relative position to edge on each side, then connected at corners with square ornament. Stitches are laid over two sections of basket weave each way. Then all crosses except those forming petals of rose and daisy motifs are crossed midway with one additional stitch laid horizontally. Before fringing, work row of cross-stitching with raveled threads of the monk's cloth along each side 1 inch from embroidery, to hold firmly.

IN THE same photograph, center, **Place Mat** is of ecru cotton Aida canvas cross-stitched with No. 5 colored mercerized twisted cotton. Work in one color or combination of two or more. Design finishes $9\frac{1}{2}$ by $14\frac{1}{2}$ inches on canvas cut 12 by 18 inches. Turn edges and hem to border. Design can be extended for **Runner**. Suitable also for **Floor Rug** worked on Smyrna canvas, background filled with contrasting

Bedbugs?



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AND EASILY WITH
BUG DED**



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**WIZARD DRAIN
PIPE OPENER**

COVERS SCRATCHES



**AERO
SCRATCH REMOVER**

color, finished size approximately 21 x 33 inches. Follow **Chart 1**.

PLACE MAT, shown at right in the same photograph, is of colored cotton basket-weave fabric (7 blocks to inch), its border cross-stitched with 6 threads of stranded cotton in manner of a woven textile. Each unit counts 9 by 12 stitches, same as border of **Chart 1**, but units are arranged lengthwise instead of parallel with the width, and continue to the edge at points of intersection.

Tiny Pincushion Top: Footstool or chair upholstery, worked on linen Aida or needlepoint canvas, 11 stitches to inch. With background filled in, square border ornament may be repeated for various small upholsteries. Use 6 threads

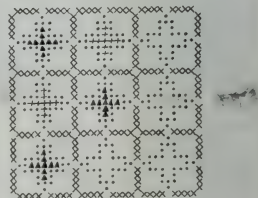


Chart 3

stranded cotton, leaf green for the frame, two shades of coral for flowers, dark blue for background. **Chart 3** shows a 5-color design.

Use these square-mesh textiles for cross-stitch:

- Penelope canvas** (6 blocks to inch). Used as guide when working cross-stitch on closely woven textiles, threads being drawn out after embroidery is finished. Not sturdy enough for upholstery purposes. Comes in various counts.
- Scrim** (18 threads to inch). This type of canvas is useful for chair sets, place mats, and such.
- Light-weight cotton drapery fabric** of firm texture (6 blocks to inch).
- Stiff double-thread needlepoint canvas**, fine for upholstery and cross-stitch (11 squares to inch).
- Linen Aida canvas** (11 squares to inch). Excellent for cross-stitch ornament, has many uses. Costs more than cotton but is worth it.
- Cotton Aida canvas** (7 squares to inch). Stiff, heavy texture.
- Monk's cloth** (7 blocks to inch). Heavy, supple basket weave for hangings, bedspreads, couch covers, cushions. Suitable for yarn embroidery.
- Smyrna canvas** (3 blocks to inch). Foundation canvas for rugs and chair seats. Takes heavy rug wool or tufting cotton.

Next Month Luxury gifts for the bride; the kind only the loving, well-to-do relative gives. What are they? One answer: gifts for the **Linen Chest**. In next month's issue we show you a lot of them!

"Holy Mackerel!" WHY DOESN'T SOMEBODY TELL ME THESE THINGS?"

OH BOY! WHAT A DAY! AM I GONNA SLEEP TONIGHT, WHEN IT'S RAINING THERE'S NOTHING LIKE BED WITH A GOOD ROOF OVER YOUR HEAD—THERE CERTAINLY ISN'T!

A GOOD ROOF?... JIM, THAT REMINDS ME, THAT ROOFING MAN WAS HERE TODAY AND...

NOW HONEY, I'M TIRED! I DON'T WANT TO HEAR ABOUT ANY SALESMAN TONIGHT! SWEET DREAMS, DEAR!

SWEET DREAMS—NOTHING! JUST LISTEN TO THAT RAIN! THAT OLD ROOF OF OURS IS GOING TO LEAK AGAIN... AND IT'S ALL YOUR FAULT!

ALL RIGHT, DARLING... ALL RIGHT! LET IT LEAK! BUT RIGHT NOW, PLEASE LET ME GO TO SLEEP!

ISN'T THAT LIKE A MAN... JUST WANTS TO SLEEP UNDER A SHABBY OLD ROOF WHEN WE COULD HAVE THAT BEAUTIFUL NEW CERTAIN-TEED ONE.

NOW LISTEN, SWEETHEART, WE CAN'T AFFORD IT... WE'RE SWAMPED WITH BILLS ALREADY. WHEW! AM I SLEEPY!

BUT JIM, WE DON'T HAVE TO PAY OUT A LOT OF MONEY, ONLY A FEW CENTS A DAY! NOW, THE CERTAIN-TEED MAN HAS A BUDGET PLAN...

SURE... BUT WHAT'S GONNA KEEP THE RAIN OUT WHEN HE RIPS OFF THE OLD ROOF? WE'LL PUT A TENT OVER THE HOUSE, I S'POSE.

NONSENSE, JIM! YOU KNOW THEY PUT THOSE NEW CERTAIN-TEED SHINGLES RIGHT OVER THE OLD ONES...

THAT'S AN IDEA... BUT WHY TALK ABOUT IT TONIGHT?... WAIT 'TIL THE ROOF DOES LEAK! I'M SO S-L-E-E-P-Y...

JIM, YOU JUST DON'T WANT TO TAKE THE TROUBLE TO CALL THE CERTAIN-TEED ROOFER... LISTEN!! WHAT'S THAT? DROPI! DROPI! DROPI! DROPI! WAKE UP HIM! OUR ROOF'S LEAKING!...

HELLO! HELLO! HELLO!... YOU THE CERTAIN-TEED ROOFER? LISTEN!... THIS IS JIM YOUNG TALKING. I WANT A NEW ROOF—QUICK! SURE—I KNOW I GOT YOU OUT OF BED AT MIDNIGHT! I'M OUT OF BED MYSELF! NOW, WHAT'S THAT NEW ROOF COST? IS THAT ALL? HOLY MACKEREL! WHY DOESN'T SOMEBODY TELL ME THESE THINGS!



SAY! WAS I RIGHT about that Certain-teed roof. She's a beauty! Why, you wouldn't know the old place. Guess that'll knock the neighbors for a loop. And it's only costing you truly a *dime or two a day*.

"AND I'M THE CERTAIN-TEED DEALER"



CERTAIN-TEED DEALER: Call me for roofing advice. Let me show you how Certain-teed makes your home stay young—and saves you money, too! For Certain-teed Asphalt Shingles never need painting—and *how they last!*

Friendly Facts for "Holy Mackerel" Husbands

We're all human, and we *will* put things off. Maybe the old roof isn't the *only* thing around your house you've been wanting to fix up. Well, now's the time.

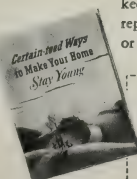
There are dozens of Certain-teed ways to improve your home. For instance, Certain-teed Bestwall, Tile Board, or Insulating Board will work wonders in modernizing your kitchen and bathroom

—or you can turn an unused basement or attic into bright, livable rooms just like magic.

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COOK THIS WAY SOMEDAY!**



"Land sakes, Henry, I feel like a young thing just starting housekeeping! I can't believe yet that I own an economical Hotpoint Electric Range. Now we're really modern!"



1. "Here's what tickles me—there's no grime to smudge my kitchen or mar my pans. A swish of a cloth cleans the whole range! And I've got my choice of five cooking heats. That means no wasted current! And look...



2. "...there's hardly any shrinkage in this crisp, brown roast because it's cooked in its own juices—not dried out. You see, the Hotpoint oven automatically puts the right amount of heat exactly where you want it. Just think...



3. "...it's so perfectly safe there is absolutely nothing to worry about when Edna's children come to visit us. Really, Henry, how did we ever get along without an economical Hotpoint Electric Range?"

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Make Your Mums September's Showgirls



It's only August here beside the pool. But early to bed and late to rise have already made the mums the showgirls of the garden

By Minerva Starks

CHRYSANTHEMUMS are your garden's big blondes; big, healthy, and beautiful, but oh how dumb. Left to go their own way, many varieties are killed by frost each year just when they've started to bloom. But you can fool them into becoming the showgirls of your garden in an extravaganza that opens as early as August.

For some years now we've known that mums flower only when the days become short, the nights long. So to make them flower sooner you artificially shorten their days. You put a black cloth over them early in the evening. Being dumb, they think, "Well, it's surely getting dark early these days, fall will soon be here." And so they set their buds. Most commercial growers now fool them this way.

What Cloth? It must be as dark as night under the cloth, so I use

heavy, closely woven black saten. Some people have tried to substitute cheap cloth and have had troubles. If you're unable to obtain a heavy grade of cloth, or have any doubt, better have the cloth double. Make a tent over your mums and make sure there is no light entering at bottom or sides.

When? Place this tent over your mums at 6 every evening and take it off at 7 in the morning. You may start this shading as early as July 15. Treatment may be discontinued as soon as the buds show color. If you've started in July with your short days, you needn't continue after September 1 in northern United States regardless of the condition of the buds, as there mums normally form their buds between August 15 and August 30.

Enrich Soil Thoroughly enrich your soil with a complete, balanced plant food because the mum needs an ample supply of food to bring its flowers to perfection. It's better to give a copious sup- [Turn to page 123



When mums are 6 inches tall, break the tip out. Several branches soon start. When these are 6 inches long, pinch them out. Result: compact 6- to 8-branched plants with many flowers. For earlier bloom, cover with black saten

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WHAT TYPE BATHROOM
& KITCHEN SHOULD WE HAVE?

CAN I AFFORD NEW
HEATING & PLUMBING NOW?

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COST NO MORE THAN OTHERS
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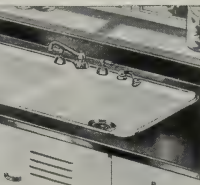
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needs and budget in the fa-
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IN ANOTHER MONTH
YOU'LL BE DOING
KITCHEN WORK
PEG!

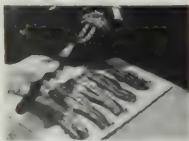
IT'LL BE
EASY—WITH
SCOTTOWELS
TO DO THE
DIRTY WORK



Modern Brides rely on many-purpose Scot Towels



Sudsier dishwater—cuts
down dishwashing time!



Makes bacon crisper, more
tempting, more digestible!

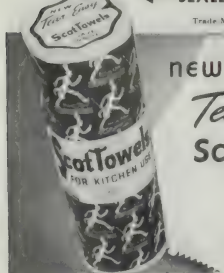
MAKE the preparing of fish much easier. Drain and flour it on a strong, absorbent ScotTowel. In no time, the fish is in the pan and all messiness is cleaned away. You simply throw away the ScotTowel.

All your fried foods will be crisper, more digestible, too, if drained on a thirsty, sanitary ScotTowel. Reach for a ScotTowel when something spills and you won't have anything to wash out. Wipe off your stove with a ScotTowel. Use a handy, strong ScotTowel to scrape plates, for your sink and for jobs you hate to put your hands into!

Less than a penny a dozen—150 snowy-white ScotTowels to a roll! Get a handy rack—at grocery, drug and department stores.

← SEALED FOR YOUR PROTECTION

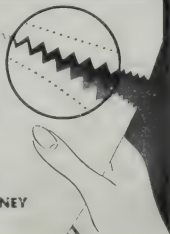
Trade Mark "Tear-Easy" Reg. App. for. Copr., 1940, Scott Paper Company



NEW

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SAVE WASTE
SAVE TROUBLE
SAVE YOU MONEY



Fruit From Your *It Tastes So Good!*

By George C. Roeding, Jr.

IT ALWAYS delights visitors the way we Californians can step outdoors and pick a dozen kinds of fruit off our own trees. "Boy," they'll sigh, gulping down a mouthful of rich juice, "that's one place where you got it over us back home."

What they don't realize is that they can grow some of these fruits themselves and, like us, have a whale of a lot of fun doing it.

Out here we grow fruits from all parts of the world. Even before the Declaration of Independence was signed the Padres had orchards fruiting at San Diego. And the settlers who rushed in on the heels of the Forty-Niners brought with them the fruits they valued so highly back home. Many were the seed bees for departing folk. From these small beginnings have come the Pacific-Coast orchards that today stretch from Canada to Mexico.

You're missing a real hobby—and a lot of good eating—when you don't grow those fruits adapted to your locality.

Peaches Are Funny Adaptability is a funny thing. Take peaches. It's funny where you can grow peaches. Peach trees can't stand the winters of northern New York but will do all right if you move north into Ontario, Canada; the secret seems to be that Ontario's cold is steady, while New York's cold comes down in waves. You can't grow them in the Texas Panhandle because they can't stand the dry freezing, but you can grow them in Michigan. You can't grow them in Ames, Iowa, but you go only 50 miles south to Indianola and they do all right.

So there's a chance you can pick luscious, tree-ripened peaches and other fruits off your own trees, and don't simply because you've never tried it. Agricultural-experiment stations are developing new varieties especially adapted to your climate. There's an apricot now that'll grow in South Dakota, where winter temperatures drop below 20 below. Talk with your state agricultural-college extension-service men. They may be able to tell you some surprising and delightful things.

Cherries Will Surprise You Out here in California cherries lead off our fruit parade. Three excellent sorts ripen in May and June—Black Tartarian, Bing, and Royal Anne. Bing, with its big heart-shaped luscious fruit, is our favorite. All three are sweet varieties, and that

means that they don't set fruit unless another variety is present to serve as a pollinizer. We use Black Tartarian for this, and I suggest that you do, too, because the fruit is among the earliest and one of the finest for good old-fashioned cherry flavor. These sweet cherries are a bit particular, but you'll be surprised at how many sections they'll grow in.

After cherries come our early peaches. Toward the end of June and early in July the variety called Nectar ripens and lives up to the promise of its name, for it's sweet, full-flavored, juicy, with an almost fuzzless skin distinguished by an attractive blush. You'll like the Nectar's size; it's far and away the largest freestone in its season. And it's ideal for making striking table arrangements, especially when you include some of the beautiful bright green foliage with the fruit.

Tree-ripened Apricots Out here we like to choose one peach variety to give us a sequence of ripening. We fill the in-between periods with apricots and plums. Blenheim Apricots are a universal favorite in California. Ripening in most places in mid-July, they provide an abundance of delicious fruit for fresh eating, home-canning, and drying. Until you've tasted an apricot ripened on your own tree you'll never know how good this fruit can be! Apricots are inclined to bloom early, and late-spring frosts kill buds.

And How About Plums? The Japanese Plums (those with the sprightly flavor) have an appeal we can't resist. We like Beauty for June, for its beautifully blushed skin and tasty yellow flesh; and for August the excellent blood-red Satsuma. Both apricots and plums are easy to grow.

An especially good peach we're growing in California is the Fisher, a brand-new one from—note this, you who think peaches are only a warm-country crop—Ontario, Canada. Be sure to hunt down someone who can supply you with a Fisher Peach tree this season! It's a yellow freestone, a delicious descendant of the Elberta, which it resembles in many respects except that it ripens much earlier.

Delicious Nectarines In California we grow the highly prized nectarine. Not a cross between plums and peaches as popularly supposed, nectarines are merely smooth-skinned

Own Tree—

Ernest H. Brooks



Vitamin-rich fruit freshly picked off your own tree is what puts sparkle and mischief and red-cheeked health in a boy. And if you don't think it loads his heart with happiness, look at those eyes and that grin!

peaches possessed of a delightful tang and aroma. Here in our warm interior valleys you can grow them to perfection.

Brought Prunes and Wife We are fond indeed of our French Prunes. Unfortunately, they don't tolerate the extremes in temperature of much of the so-called temperate zone. Picked fresh from the trees, they're sweet and juicy. We dry the surplus, and store them away for delicious winter desserts. Because Pierre Pelier returned to his native France to marry his childhood sweetheart, we have delicious French Prunes for breakfast. Pierre's brother, Louis, had come to California earlier to search for gold. Not finding it in the quantities advertised, he and his brother Pierre established a nursery. Pierre went back to France to marry, and he and his lady arrived in San Francisco, one whole trunk filled with prune scions, the foundation of California's vast prune industry.

I'm often called upon to settle that whiskery argument "prunes are plums" versus "plums are prunes." The truth is prunes are plums adapted to drying without removal of the pit.

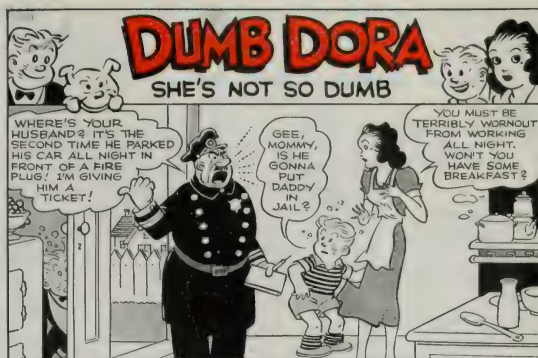
The wild Myrobalan Plum is used as a rootstock by nurserymen for budding onto prunes, plums, and

apricots, but it's an interesting variety for home-growing, too. Fruit is produced in several sizes and colors (yellow, orange, blue, and red!) and has a delightful wild tang, excellent for jam. At breakfast, Myrobalan Plum jam is especially appealing, for its bright colors defy you to pass it by.

Fun With Subtropical Fruits And then, of course, we home-orchardists have great fun with our citrus and subtropical fruits. Unfortunately for most all of you except in Texas and Florida and along the Gulf Coast, they grow only in frostless areas. Because citrus-fruit trees are evergreen, we use them for ornaments. Oranges are the most popular. They fruit most of the year. Washington Navel bears in winter, Valencia in summer.

Avocados thrive in frost-free sections. This "king of salad fruits" grows on beautiful trees which fruit abundantly under favorable conditions of moderate temperatures and fertile soil. They mainly ripen in the fall, but varieties may be grown which ripen thru the seasons. These are known by several other names, the commonest being alligator pear.

Citrus and subtropical trees are dug from the [Turn to page 124



Get a "dollars and cents" view of ALUMINUM WINDOWS

Check list for comparing window costs—
~~Glass and glazing~~
~~Weights and sash cords~~
~~Locks and siftings~~
~~Labor for setting and plumbing frame~~
~~" fitting and hanging sash~~
~~" attaching hardware~~
~~" refitting after completion~~
~~Original painting frame and sash 3 coats~~
~~Maintenance Painting~~
~~Weather-stripping~~
 Set factory-assembled Aluminum Win-
 dow and frame
 in place and anchor

Sit down with your builder and tabulate all the items he must add to the price quoted for ordinary windows. That gives you their *true* cost. From that long list, cross out those included in the price of Aluminum Windows. Then compare the difference in the two totals.

Consider, too, the yearly savings that can be credited to Aluminum Windows. The expense of repeated protective painting is eliminated. There's no rusting or rotting to require replacements of parts. Made to fit at the factory, your Aluminum Windows never need refitting to keep them operating smoothly.

Finally, add to these savings the joy of living in a home equipped with Aluminum Windows. They are attractive, and stay that way. Sash and frames are narrow, giving maximum glass area.

If you're planning to build, send for the free book, "Windows of Alcoa Aluminum." It lists manufacturers and describes their various types of windows. Aluminum Company of America, 1912 Gulf Bldg., Pittsburgh, Pa.

ALUMINUM WINDOWS

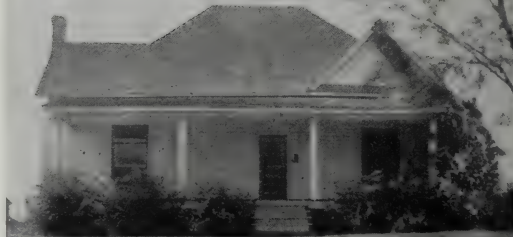
MADE OF ALCOA ALUMINUM



A SOUTHWESTERNER

Rebuilds

BEFORE

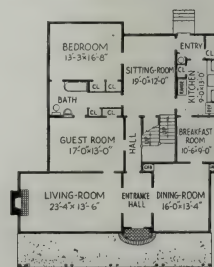
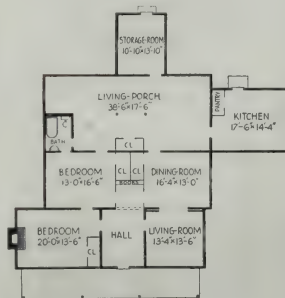
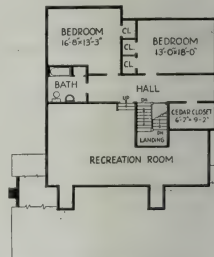


AFTER There should be ideas here to apply to your own remodeling problem. G. R. Farmer, Henderson, Texas, attained this commendable result mainly thru combining a knack at buying materials with a penchant for planning carefully in advance.

MAYBE you're up a stump like a Henderson, Texas, newspaper editor, G. R. Farmer. Like he *was*, that is. Or maybe your remodeling problem is different.

Anyhow, there are lots of houses like Farmer's—like Farmer's *was*; a bit on the old-fashioned side; wings sticking out casually here and there, but still crowding up a fine family as a fine family shouldn't be crowded; and absolutely disdainful to any sort of help by way of paper and paint and patching.

Mr. Farmer had sworn many times to do something about it, but estimates have a way of being very discouraging on occasion. And Mr. Farmer, despite a consuming desire to get his hands on the house, kept right on being discouraged until a



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Try Alka-Seltzer, too, for acid indigestion, muscular fatigue and cold distress.



AT ALL DRUGGISTS

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This seal is your guarantee of receiving full value and your assurance of complete service.

It is the job of the representative who carries these credentials to tell our friends and readers more about *Better Homes & Gardens* and we shall appreciate it if you will give him a hearing when he drops around for a call.

When you take your receipt, please be certain that it bears the seal of quality and service as well as the complete terms of the sale.

BETTER HOMES & GARDENS

rescuer, in the guise of a fellow-townsmen architect—J. L. Downing, by name—came along with some expert advice and draftsmanship.

No matter if the pictures do seem to dispute it, it wasn't necessary to scrap the old materials—the framing and a good proportion of the old materials were in excellent condition.

REMODELER FARMER got a lot of remodeling for his money—the finished job came to just half the original estimates—because, we suspect, he has a way with him in buying materials. Of the new materials needed, Mr. Farmer bought most of them himself. He also awarded separate labor contracts for mechanical work and decorating. Then he kept his finger on the job.

A glance at the floor plans, “before” and “after,” tells the story of the interior improvement. The front bedroom became a good living-room merely by shifting a whole partition bodily, cutting the hall down to a reasonable size. The kitchen was brought within the main lines of the house, and in good relation to the service entry and the breakfast- and dining-rooms. Everywhere there's plenty of light and air and a feeling of roominess so pleasantly characteristic of the South and Southwest.

THE exterior, likewise, is beautifully handled. The flowing sweep of the roof is recalled in the arcade of the new porch and the gracefully arched entrance. There's something about the whole design that it would have been difficult to believe possible from the original awkward dwelling. Shall we call it rhythm?

Mammoth Foxglove



J. H. VRIES, Roanoke Rapids, North Carolina, grew this 3-foot foxglove. The top flower measured $2\frac{1}{2}$ inches across and was a delicate pink spotted with a much deeper pink.

You can grow such foxgloves by purchasing seeds of the Mammoth Foxglove (*Digitalis purpurea monstrosa*). Curiously, the abnormal flower at the stem tip results from fusion of three or four smaller ones.



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that your contractor is no wandering mechanic, that he has liability insurance and pays his bills . . . read before you sign.

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“HOME PROTECTION”, a beautifully illustrated book containing practical suggestions for home building, will be mailed you free on request. Send 10 cents in coin or stamps to defray mailing costs. Write Red Cedar Shingle Bureau, Seattle, Wash., or Vancouver, B. C., Canada.

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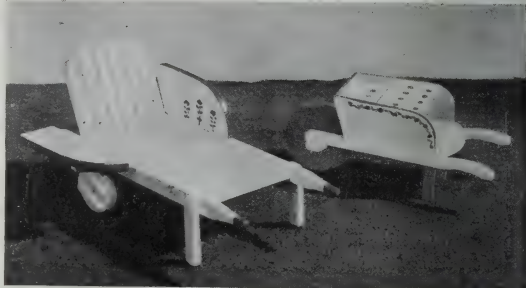
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Easy to Build . . .

...for Handy Comfort...for Lazy Convenience

Models by Lowell R. Brown



A wheel-couch with wings, and a beverage barrow—twin garden-enjoyment items easy to make from simple plans

By Hi Sibley

A "Campeche Couch" This adaptation of an old Mexican lazy bed will find itself entirely at home in the patio of your Elm Street hacienda. It literally welcomes you with open arms, as the side members swing down to serve as tea table, writing desk, or magazine shelf.

Its construction is well within the scope of the handyman, involving a few organized motions of a saw, brace-and-bit, screwdriver, and paint brush. The plans are easy to follow. Surfaced pine is satisfactory for the entire job. Build the chassis as shown in the cut-away perspective drawing, assembling the pieces with casing glue and galvanized screws, the heads counter-sunk so that their sharp edges will not protrude and annoy the occupant.

Note how simply the sturdy wheels are made, and the squeak- and friction-proof bearings of brass tubing, which is forced in to a snug fit in the hub. Take pains to bore these holes at right angles to the wheel; otherwise they will wobble and advertise your inept craftsmanship.

White is a suggested finish, with a touch of Chinese red on the handles, edges of side boards, and perhaps on the wheel cleats. If you're handy with the brush, decorate the tops of the hinged sides with a flower design, similar to that presented in the squared diagram in the plans.

Transportation for Tidbits

Quite a sizable cargo of comestibles and potables can be trundled from pantry to patio in this novel bit of rolling stock, saving steps and confusion at the garden party. (Right, in picture above.)

Being made of outdoor plywood, it's light without sacrificing strength; and even if forgotten in a rainstorm and left to the elements, it positively will not come apart. This sort of ma-

terial is guaranteed against such deterioration.

Anyone who can swing a hammer and guide a saw with a modicum of accuracy should be able to make a toponotch job of it. First make the sills, or frame members which terminate in the handles, following the plans carefully. The dimensions given here are standard stock from the lumber yards, tho you will find, with the mill man's quaint method of classifying material, a 2" x 3" is *not* two by three inches, but more nearly 1 7/8" x 2 1/2" for surfaced (finished) lumber; so govern yourself accordingly. In other words, ask for the sizes specified on the drawing and have the pieces surfaced. The plywood sizes are net, as is.

Compartments are arranged as shown, with holes cut for glasses and bottles. The forward shelf could be made to lift out, and a galvanized tank set in below to hold ice, chipped or in cubes, with a small tube soldered in to drain out thru the bottom of the barrow.

PAINT the wheel and edges of sides and front end Chinese red; the legs of this color also. The body and sills should be white or cream, and touched up with some color, such as a border suggested by the squared diagram, or decalcomania designs.

Of course, this little item's utility is as a carrier of iced bottles, butter-milk, lemonade, sandwiches, and such—the sandwiches go under the shelf at rear—but in emergency you could yank out the partitions and use it for hauling ashes, peat, and plant food—or even infant trees. Suit yourself—it's a versatile craft.

Working drawings and directions for making garden furniture and novelty items may be obtained from *Better Homes & Gardens* by sending 10c for each set to 8205 Meredith Building, Des Moines, Iowa. Also send 6c for "Easy to Build," a leaflet which pictures a number of gardenhouses, birdhouses, and garden accessories which you can make.



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• Don't scrub and scour a toilet bowl. For more than a quarter-century, Sani-Flush has kept toilet bowls sparkling clean and sanitary.

No bother. No unpleasantness. Sani-Flush removes stains and incrustations. Cleans the hidden trap. Cannot injure plumbing connections. (Sani-Flush is also effective for cleaning out automobile radiators.) See *directions on can*. Sold by grocery, drug, hardware and 5-and-10c stores. 10c and 25c sizes. The Hygienic Products Co., Canton, Ohio.

Sani-Flush

CLEANS TOILET
BOWLS WITHOUT
SCOURING



Poison Ivy

How to Know and
Keep Away From It



Here's positive identification. Poison Ivy is the only wild vine with a three-parted leaf and clusters of small white berries

EVERYBODY talks about Poison Ivy and all too many get into it. Hundreds of cases walk into doctors' offices every year. This is all so unnecessary.

Men whose work forces them into frequent contact with Poison Ivy have sought immunization thru inoculations, often successfully. But for you, the picnicker and vacationist, caution is the best preventive.

The first precaution is to recognize the plant in all its forms. Frequently it's a bushy shrub, but sometimes it's a trailing vine prostrate on the ground. In other places it clambers up the tallest trees, ascending by means of aerial rootlets. Sometimes the leaves are deeply lobed, sometimes they have margins without a single dent.

But one feature doesn't vary—the leaflets are always arranged in groups of three. No other wild vines have three-parted leaves and white berries.

Poison Ivy is poisonous at all times of year. Avoid its shiny new red leaf buds as well as the bright green leaves of summer and its colorful foliage in the fall. Even the bare stems of the winter and its roots should be left alone. Fortunately, white berries remain on the stems most of the winter to signal there is Poison Ivy there. All parts of the plant are poisonous.

Some people are poisoned by merely touching things which have been in contact with the plant, such as clothing, pets, or tools. Others can slide down a bank clinging to it and suffer not at all. [Turn to page 125]

There's a Better Way to Build

AND IT'S

Sweeping the Country

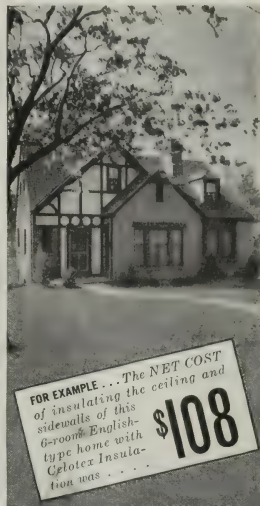
Advanced Building Method Provides
VITAL SIDEWALL INSULATION
as Well as Roof or Ceiling Protection
WITHOUT ADDITION OF COSTLY EXTRAS

HERE'S the sensible low cost way to avoid the risk of building a home that may be obsolete the day it's completed! By simply using modern materials—Celotex Vapor-seal Sheathing and Lath in place of materials you would have to buy anyway—you can own a home that is completely insulated without paying for expensive "extras."

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Dealer. In a few moments he can explain the many advantages of Celotex Safety Sealed Construction. He'll give you a copy of "Build Better For Less Money With Celotex"—a book that will help you avoid building an obsolete home. Be sure to ask for it. Or send the coupon below to The Celotex Corporation, Chicago, Illinois.

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First or last thing daily. Juice of 1 Sunkist Lemon and 1/2 tsp. baking soda in tall glass half full of water. Drink as foaming subsides.
FOR FULL DETAILS SEE PAGE 107.

See MEXICO

Go one way, return another—you see more, including quaint New Orleans—historic San Antonio—unrestricted meals—courteous English-speaking guides—attractive features—very low all-expense cost. Ask your travel agent or clip this ad and mail to J. V. Lanigan, Dept. BH, Illinois Central, Chicago, Ill.



BEAUTY NEWS—give your house a new "face" by styling with paint in correct colors to bring out its best features. And to insure long life be sure to use durable white lead paint—used on this model home erected by the Western Pine Association.



**If you're up on PAINT you know
a good reason I'm mining lead**



I GUESS everybody knows that lead is one of the toughest metals there is when it comes to resisting weather.

But some folks may not realize that this tough enduring metal is the base of the white lead used in paint.

Knowing this, it's easy to understand why white lead gives paint backbone to stand the weather's worst licks—why it makes paint wear longer.

It's white lead's extra toughness that keeps paint from cracking and scaling so you will have a smooth unbroken paint film which protects the material underneath from dampness.

That's why painting with white lead actually costs you less—because it lasts longer and doesn't require burning off when you repaint.

So remember, when specifying paint it's a good idea to know how much white lead it contains. And it's a pretty safe rule to say: the higher the lead content, the better the paint!

You can't, for example, get a more durable paint than one containing 100% white lead—the kind good painters mix from lead-in-oil. In many localities it is also now being sold in prepared ready-to-use form—in popular colors.



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Built the Way You

A Bildeost Gardened Home



In New Jersey, a group of architects, long experienced in building homes, has gone into the home-building business. These men plan to build what all of them think the average middle-class family wants and needs. Here's their first design; we think it meets their aims remarkably well. Maybe it meets your needs, too

IF YOU'VE ever spent much time on the Cape, you know that Cape Cod houses with brick fronts are about as numerous as cactus in a cranberry bog.

For that matter, we're told the earlier Cape houses had no dormers, even tho we now subconsciously associate dormers with New England Colonial and Cape Cod houses.

So you can't hang any sort of period sign on this house, even tho, despite its high eaves, it may suggest Cape Cod. Nor was it, in fact, the designers' intention to period-style it. They—these New Jersey architects, and Architect Kenneth Daltzell in particular—just wanted a design and plan that a great number of prospective home-owners would like and find comfortable to live in. Moreover, it's an economical form of construction in both material and labor.

THIS particular house wasn't designed for any one individual, therefore, but with several of a type—the average middle-class family—in mind. It was built as one of a number of the same price range in a development at Short Hills, New Jersey.

The modern house requires a garage. Everyone agrees. But how many realize that by building over it, larger rooms are obtained at slight additional cost? Here the designer and his cohorts have made use of both garage footings and roof.

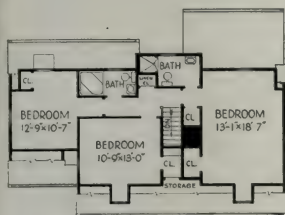
The most efficient location for almost any kind of heating plant is a central one. It means, usually, more even distribution of heat thru-out rooms, and possibly more direct delivery of heat and conditioned air. By providing for an inside chimney here, a central location for the heating plant was possible.

THERE'S really nothing unusual about the first-floor plan. The living-room is plenty big for a small house; bigger than most. It's open on three sides; and the porch, which overlooks the garden, is tacked onto the end of the living-room. There's an advantage to having the porch in the rear. For one thing, you get more privacy. Maybe Mrs. Zilch next door can still lean over the hedge and shout at you just when you're comfortably lounging and right in the middle of helping Ellery Queen solve a murder mystery, but

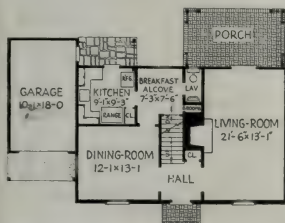
Want It

Designed by Architect **Kenneth W. Dalzell**

Member, American Institute of Architects



Second Floor



First Floor



Basement

it's better than leaving the porch on the side, at that, particularly when the plot is as small as this one happens to be—a 60 to 70 foot front.

MAYBE you looked at the plan and wondered why the breakfast room is separate from the kitchen. That was another bright idea with good reasoning back of it. Suppose you have school-age children. Just suppose, anyway. Sooner or later, you're going to have, aren't you? Suppose they want to study at night. Or suppose they *have* to study at night. Could you think of a more convenient place than the breakfast room, unless they were right underfoot in the living-room? In the breakfast room they're still close enough to keep an ear and eye on, but not so obvious as to get in your hair. A breakfast room in this location also comes in handy for midnight snacks for parents.

Working plans for this Bldcost Gardened Home are available from Better Homes & Gardens. Its construction conforms to FHA standards. What will it cost you to build it in your community? See next page

There are six pretty good sized rooms, exclusive of basement and breakfast room (which really is a separate room) in this Bldcost Gardened Home. It was designed by one, and supervised by a dozen other, New Jersey architects who are giving birth to some 125 equally desirable houses in a single subdivision of their own creation and management

One thing on the second floor you'll like is the cross-ventilation of all three bedrooms, one of which is open on three sides.

As with all well-brought-up houses these days, this Bldcost house is insulated, weatherstripped, and winter air-conditioned.

A BIT of construction detail which may be interesting is that trim is glued and splined and the doors dipped in a warp-preventing bath; kitchen cabinets are factory built and sprayed with lacquer finish; the kitchen is practically plated in linoleum—floors, counter-tops, and walls; all plumbing pipes are of red brass; flashings are copper; screen wire is all bronze; foundation is 13½ inches thick, and plastered on both sides with water-proof cement; sills are termite-proofed.

The land for the subdivision which embraces this house was purchased May 15, 1939. Only six months later all streets had been laid out; sewers, water mains, and curbs had been laid; 12 houses were under construction, six houses were finished, and nine had been sold.

THIS house, by the way, was the first of the group of 125 to be built in the subdivision. And also by the way—the management personnel of the subdivision is a bit unique. A pencil-pushing architect holds down every executive position. One pencil-pusher purchases materials. Another employs and skips labor. Another

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Automatic Coal Heating
Terms as low as \$5.93 mo.
with small down payment

Now as low as
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Plus freight and installation
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"Armchair firing" of furnace or boiler is now available for the *average* family! The new Iron Fireman Automatic Coal Burner brings to small homes the same superior quality of automatic heating that has made Iron Fireman famous in larger homes, commercial buildings, and industrial plants. Iron Fireman can be installed in your present heating plant in a few hours. You will gain these five ways:

Freedom from furnace drudgery. You can relax in your favorite easy chair while Iron Fireman stokes the heating plant. Iron Fireman requires only few minutes' attention just once daily.

30 minutes' extra sleep in the morning! No fires to build, no grates to shake, no drafts to adjust. You get up in a warm house.

Steady temperature, just where you want it, regardless of weather. No unhealthy underheating; no wasteful overheating.

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Economy of coal—America's money-saving fuel.



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a different and better fire than can be made from any other fuel in any other way. Firebed of live coals is under constant thermostatic control. Fire never goes out; no "pop-on, pop-off"; always a steady flow of mellow warmth that is the very heart of comfort.

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New Iron Fireman for small homes . . . the trim blue-enameled enclosure contains dust-proof hopper holding full day's supply of coal. Operates so quietly you can scarcely hear it.



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Self-Firing Furnace . . . Complete Winter Air-conditioner! Heats, humidifies, filters, circulates air. Feeds coal direct from the bin.

THE LITTLE BULB THAT WASN'T THERE

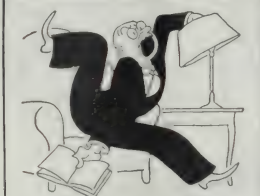
.... by **CLUYAS WILLIAMS**



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PUTS BULB IN LAMP BEFORE SUPPER, LOOKING FORWARD TO SESSION WITH NEW DETECTIVE MYSTERY



SUPPER OVER, SITS DOWN TO READ. FINDS WIFE HAS TAKEN BULB AND PUT IT IN KITCHEN

IN SELF DEFENSE, Mr. Ward then borrowed a 40-watt bulb from the hall, leaving the stairs in darkness. Later he went to bed with a headache, which he blamed on Mrs. Ward's baked beans.

Is "bulb-snatching" a menace in your home? You can end it by getting enough G-E Mazda lamps—each reading lamp can have at least 100 watts, well shaded. Be sure they're G-E! The new G-E

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15, 25, 40, 60,
75, 100 watts... **15¢**
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Made to stay brighter longer

Build the Way You Want It

[Continued from preceding page]

er supervises advertising and sales. And we presume another is delegated to the purely executive job of entertaining the personable young matrons who call to talk about house-buying. That's the kind of executive, home-building job we always wanted.

Now, how much will it cost you?

We've prepared a list of all materials needed to build this house. Using this list, your architect, building-material dealer, or builder can figure the exact cost to you. We can't accurately state that cost here because building costs are higher in some communities, lower in others. Send 6 cents for this list. Use coupon below. You are in no way obligated.

The list of materials is only one part of *Better Homes & Gardens' Bldcost Service*. If the cost is right and you decide to build this house, we'll send you the necessary plans, specifications, and contract forms for the nominal price of \$5 for one set, \$2.50 for each additional set. For practicable purposes, three sets are necessary—one for your architect, contractor, and yourself.

Bldcost *Better Homes & Gardens' Bldcost Service* is a regular feature of **REG. U. S. PAT. OFF.** the magazine. No matter where you live—East, West, North, or South—there's a Bldcost Gardened Home for you and your family. Send 25 cents for the *Better Homes & Gardens' Book of Bldcost Gardened-Home Plans*. It contains descriptions of 60 other homes designed by outstanding architects. The construction of all Bldcost homes conforms to Federal Housing Administration standards.



Better Homes & Gardens
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Des Moines, Iowa

(Please Check)

☐ Send me the List of Materials to enable me to learn the exact cost to build Bldcost Home No. 1005 in my own community. I inclose 6 cents (or two 3-cent stamps).

☐ Send me your Book of Bldcost Gardened-Home Plans and the List of Materials for Bldcost No. 1005. I inclose 31 cents.

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PORTLAND'S ROSES... Bellingham's Tulips... Seattle's Tropical Gardens... Crater Lake... Mt. Rainier... flowers and color... color and flowers—and breathtaking scenery. In next month's *Better Homes & Gardens* we bring you the color and flavor, and even the whole Northwest itself—as well as anyone can via photograph and colorful description on a magazine page.



WHAT IS THE PAINTING SECRET of charming homes like this?



Why do some homes look so attractive even though they haven't been painted for three or four years?

Why do others look shabby just a year after the painter gets through?

The secret lies in the paint the painter uses. For instance, Eagle Pure White Lead mixed in linseed oil gives homes

1. A lovely coat of beauty... that
2. "Wears superlatively well."

This "pure pigment" paint creates an elastic film that doesn't crack or scale. And it looks well for many years because it wears down slowly and evenly.

Next time you paint, employ a reliable contractor and specify Eagle Pure White Lead.

NEW BOOKLET: Contains valuable information on painting, including tips on how often painting should be necessary. Write for free copy. The Eagle-Picher Lead Company, Dept. BG-8, Cincinnati, Ohio.



Made by the makers of Eagle Insulation for Homes—thick, fireproof mineral wool.

Summer Takes the Floor

[Begins on page 54]

perfect rainbow of delectable colors. You can also have your very own design made to fill your individual order.

Numdahs, those familiar goat-s-hair rugs from India that are embroidered with lavish all-over patterns, are now arriving in summery new pastel backgrounds: lemon-yellow, dusty pink, blue, green, and, of course, creamy white, with the designs toned down accordingly. They are most attractive for entrance hall, porch, or bedroom. I fell in love with a pale green numdah, but was unhappy about its ragged fringed edges. When it was delivered, I pounced on it with a razor blade, and, using the technique of a beauty operator thinning hair, reduced the wiggly fringe to a softly irregular outline which made it truly charming.

When you're choosing floor-coverings for your sunroom, porch, terrace, or summer cottage, take into account possible showers and sun. Practically all these summer rugs are extremely durable, but only those guaranteed as rain- and sun-resistant can be continuously exposed to the elements and yet retain their good looks and lovely colors.

SO AWAY with our winter floor woolies. Let's enjoy the fresh beauty and practical service that today's handsome summer rugs can bring.

Edwin A. Falk



● **THIS DESK LAMP** has a concealed window of Polaroid, a translucent material that traps glare so it can't be reflected back to your eyes from a reading surface. You have the useful seeing-light, glare-free. Designed by Walter Darwin Teague to offer minimum desk bulk, it's of plastic and metal, streamlined.

With this (or any desk lamp that doesn't supply, some indirect room light), it's of course best to turn on adequate soft, general room-lighting, to avoid sharp vision contrast between the desk and the room. In stores, \$9.75. Polaroid Corp., Cambridge, Mass.—A. J. O.

You & Son, Partners

No. 31 of a Series on Family
Life Insurance by RAY GILES

ALTHO Jackie R. is only a high-school freshman, he's getting an education in finance that too many college graduates have missed. For Jack's father recently created for him a sizable insurance estate thru a new form of policy that's interesting parents, rich uncles, and fond grandfathers everywhere. Altho it's usually a father and son arrangement, an insurance official tells me many mothers are creating similar insurance estates for their daughters by managing their household budgets a bit more carefully to pay premiums with savings made in that way.

Very wisely, John R., Sr., had young Jackie sit in on the negotiations while the insurance man explained the details. Father and son learned that this particular contract is written only for children between the ages of 5 and 15, of whom there are about 25,000,000 in the United States. Here are its five chief attractions:

1) **Tiny Premiums.** The cost is so little at low ages that substantial protection can be bought for only a fraction of what the same insurance would cost later in life.

2) **Thrift Insurance.** An early start's a tremendous advantage in any savings program. The commitment to a definite financial goal doubles the likelihood of reaching it.

3) **Safeguard Against Uninsurability.** Jackie appreciates the fact, thanks to the insurance man's explanation, that he's protected against the possibility of becoming uninsurable later in life. If he should have a health impairment at 20, 30, or 40 which makes him uninsurable, he'll still have his 1940 policy as an asset.

It's true also that if Jackie entered some hazardous occupation or even lived in certain places or under certain unfavorable conditions he might be unable to get insured when he was older. This juvenile policy protects him against that hazard, too.

4) **Self-Completing to Age 25.** Jack's father arranged that the insurance will continue in force until the boy's 25, for if the father should die tomorrow the premium would be waived. This means, in effect, that the insurance company would pay premiums itself until Jack finished school and was on his own.

5) **Estate-Tax Savings.** To those who want to bequeath money to sons, daughters, nieces, or nephews, such policies have an added attraction. The Federal Gift Tax allows \$4,000 exemption per person in any one year in addition to the \$40,000 total general exemption for life insurance.

For this contract a leading insurance company establishes these limits: Boys aged 10 cannot have more than \$10,000, but the limit is gradually raised so that at age 15 it's \$40,000. Girls up to 10 can have \$10,000 also, but thereafter girls can get two thirds of what boys can get at the same age.



It's such a big world out there! I'm awfully glad you're here beside me.

And so are your Mother and Daddy, Sue! You see, being a telephone, I'm your special nurse, on guard day and night, ready to bring help if ever you should need it.

Oh, that's nice. And do you help Mummie, too?

Well, she said a few minutes ago that I'm her maid and social secretary combined! Today I ordered your prune puree from the store. . . .

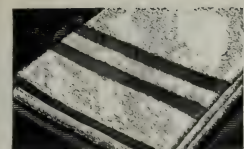
M-m-m-m, I'm glad you did that!

And then I took a message to your Daddy, and ordered flowers for the party tonight, and called the drug store . . . and your Mummie didn't have to leave the house for even a minute.

Why, I don't see how she could ever get along without you!

She'll never have to, Sue. I cost so little that she takes me for granted. I'm actually a part of the household . . . and a low-priced part, too!

BELL TELEPHONE SYSTEM



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Here's a special, get acquainted value. Big white Martex Monarch bath towels—5 sizes—8 border colors at prices starting as low as 22¢. Meets the need of large families for lots of good serviceable towels. Made with the plied yarn underweave that makes all Martex Towels wear so well. If your department store or linen shop doesn't carry Monarch, send \$1 for 4 piece set: 22" x 44" bath towel, guest towel and 2 wash cloths. Specify border color—Blue, White, Pink, Orange, Lavender, Green, Black, Red. Print your name and address plainly. Wellington Sears Co., 79 Worth St., New York, N. Y.

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Furniture Styles

AND HOW TO RECOGNIZE THEM

By Ruth Allison



FURNITURE plays such an important role in the beauty and comfort of our homes that it's natural for us to long to understand it better than we do. And contrary to a lot of preconceived notions, it's not hard at all to learn the characteristics and histories of the leading furniture styles. For every style of every period has its own particular individuality, heritage, and signposts by which it can be recognized.

Period furniture is furniture which was created and proved most popular in a certain country during a certain period in its history. Styles are the individual interpretations of the various periods.

There has been furniture of some kind, of course, almost as long as there have been people. Originally crudely made to serve only the most needed purposes—a rough-hewn "table" on which to place food, a bench of some kind to sit upon—furniture gradually began to take on form and beauty and diversity as craftsmen became more skilled and tastes more cultivated and exacting.

EACH age learned from the preceding ones, adding its own particular contributions to the sum total of acquired skills and applications. For furniture is both static and evolutionary. It reflects not only the conditions, the needs, and the sentiments of the period in which it's created, but also the tincture of all that's gone before. It is, to a large degree, yesterday, today, and tomorrow rolled into one, according

to various individual interpretations.

We moderns have a richer heritage of beautiful furniture styles available for our homes than any people of any age ever have had before. While we may revere the outstanding examples of all periods, our own ways of living, our architecture, and the growing trend toward compact living have made it necessary that we adopt—and adapt, in many instances—only the styles that by virtue of design, proportions, and general character are most appropriate and pleasing for today's homes.

LEADING in fashion importance at the present time are the Eighteenth-Century English styles, including Queen Anne period furniture and the work of Chippendale, Sheraton, Hepplewhite, and the Brothers Adam; the French Court styles, including Louis XIV, Louis XV, and Louis XVI; French Provincial; Duncan Phyfe; Early American; and the contemporary styles which we call Modern.

Thanks to the artistry and skill of today's craftsmen and to the facilities of modern production methods which put good furniture within the reach of all, we can furnish our homes beautifully and tastefully with fine reproductions or adaptations characterized by the true traditional spirit of the original period creations which inspired them. Or we may turn to the streamlined smartness of today's Modern styles, which are, after all, just the period furniture of our own particular era.



Queen Anne Period, 1702-1714

The First of a Series

Cockle Shell



Claw-Ball Foot

ALTHO many of us think chiefly of Chippendale, Sheraton, Hepplewhite, and the Brothers Adam in considering furniture styles of the Eighteenth-Century English period, yet no study would be complete without reviewing the Queen Anne period, whose influence was felt up to the early Georgian period. Queen Anne furniture is important not only because of its own charm and appropriateness for today's interiors, but because it represents the transition from the heavy, massive furniture of the earlier English periods to the grace and elegance of the late Eighteenth-Century designs.

The reign of Queen Anne, 1702-1714, has been called the most brilliant in English history. Tho possessed of no great intellectual ability, Anne had the homely, sterling virtues in rich measure. She [Turn to page 77]

Furniture Styles and How to Recognize Them

[Begins on page 74]

was deeply religious, intensely interested in the welfare of State and subjects, and unwaveringly zealous and conscientious in the performance of her duties as she saw them. To her people, she was the "good Queen Anne." Even Dean Swift wrote of her as of "ever glorious, immortal, and truly pious memory." She was very happy in her married life, had many children, and loved things pertaining to the home. This was undoubtedly in some measure responsible for the dissemination of greater comfort in the homes of commoners generally during her reign. It was no longer restricted to the wealthy and titled class.

WITH this new indulgence in comfort, furniture forms changed. Walnut was used in cabinetmaking, almost to the exclusion of every other wood. Thus this period came to be known as "the age of walnut." Straight, harsh lines were softened into curves, with the cyma or "S" inverted scroll ingeniously adapted on seat rails, backs of chairs, table tops, aprons of cabinets, mirror frames, and so on. Cabriole legs came into high favor, taking on a bolder sweep and often terminating in the claw-and-ball foot brought from the Orient by the Dutch and said to represent the three-toed claw of the Chinese dragon clutching a great pearl. Pad, club, and paw feet were also used. Chair seats were widened to accommodate the voluminous skirts worn at that time. Where arms were used they flared outward. Broad, fiddle-shaped center splats—comfortably rounded or "spooned" to fit the body—characterized the chair backs. Stretchers, an almost inevitable detail on earlier English furniture, nearly disappeared in the Queen Anne period.

The beauty of Queen Anne furniture depended on curving lines, excellent proportions, and fine woods, rather than on embellishments. Only a little marquetry was used. Carvings were simplified, done in low relief, and used sparingly, appearing for the most part on legs of chairs, settees, tables, stools, and occasionally on cabinets and highboys. The cockle shell is a typical Queen Anne motif, often appearing on the knees of cabriole legs and on pediments. Other decorative carvings included the acanthus leaf, cartouche, a bit of floral treatment, and now and then a classic note.

QUEEN ANNE'S ardent interest in needlework was an incentive for the cabinetmakers of that period to turn to printed linens and embroidered tapestries, gay chintzes and damasks for upholstery on the easy chairs that were just then coming into vogue. Velvets and damasks produced by the Huguenot refugees, driven from France by the Edict of Nantes, were also used. This encouraged the use of rich hangings for windows and beds. That all these new comforts intrigued the fancy of more than those who came by them honestly may be guessed from the fact that this warning appeared in a newspaper of that time: "The Thieves observe those Houses whose Window-shutters, either outward or inward, reach not up to the top of the Windows; and taking out some Squares of the Glass, put their hands in and rob the Houses of their Window Curtains."

The wing chair, love-seat, many new cabinets, a wide variety of little tables, and other decorative pieces were developed in the Queen Anne period. These are still used as patterns today.

THE names of individual craftsmen who wrought so mightily a change in furniture under the reign of the good Queen Anne are lost to us. But their work lives on, both in its own right and because it set the stage so gloriously for the advent of that distinguished group of master designers whose creative genius gave to the late Eighteenth-Century English period the name of "the Golden Age of furniture."

Editor's Note: This is the first of a series on current period furniture. Other periods will be treated in early issues.



Broken Pediment on Secretary



Cabriole Leg



Fiddle-Shaped Chair Back



Cockle-Shell Mirror

"REGARDEZ, HENRI, THESE AMERICANS THEY NOW SWING EVEN THE BEEFSTEAK!"

"I SEE THIS THING with my own eye," say my friend Pierre. "Pah," I retort, "the American he is swing crazy. Soon one may expect the dancing pork chop. Do not attend them, my Pierre. The secret of the cooking she have not change since King Louis hunt the wild boar at Fontainebleau!"



"PARDON HENRI," respond Pierre, "I do not make the joke. One has only to see this miracle for oneself. Come!" We go to the store of the Magic Chef. We see a gas range of the magnificent whiteness. And the broiler, voila! . . . it is as Pierre say. She do not stoop. She swing out!



"QUICK LIKE A FLASH I buy this pearl among gas ranges for my home. When I entertain the Society of Chefs, they are amaze! The swing-out broiler she is as good as she is beautiful. The Red Wheel oven control is Magic like the name. The burners of the top ignite themselves and last for a life. And the price? Even my thrifty Mignon cannot believe her eye!"

YOU'VE NEVER SEEN a gas range that can compare with Magic Chef! Swing-out broiler makes broiling a pleasure! Non-clogging burners. Heavy insulation. Red Wheel oven regulator. Easy terms! Live beyond the gas mains? Magic Chef and Pyrofax Tank Gas Service are available East of the Rockies.) American Stove Company, Dept. M 225, St. Louis, Missouri.

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SAVE WITH A
Magic Chef



THE "RED WHEEL" GAS RANGE WITH
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1. WIFE: Of course I know my nerves might be better with vitamin B₁... and that vitamins A and D might help us all build resistance to colds... and I've heard one of the best ways to get vitamins is in food form—because they're probably better assimilated that way. But—



2. WIFE: Have you ever tried to figure out what foods give you which vitamins and how many they give you? It's a job for a bookkeeper!

HUSBAND: But darling—we can still get vitamins in food form, be sure how many we get and get them inexpensively, too! Jim Barton put me wise.



3. HUSBAND: He says to get the new COCOMALT. It's fortified with vitamins A, B₁ and D—along with calcium and phosphorus, the minerals vitamin D must have to do its work. It contains iron, for the blood, too. And 3 glasses a day, with milk, give the average person his minimum daily requirements.



4. WIFE: I should have thought of the easy, inexpensive COCOMALT way myself!

HUSBAND: And you can get COCOMALT at any grocery or drug store. It's well served hot or cold, with meals or a bedtime snack. And on top of everything else, COCOMALT is energizing!

Through the cooperation of the Boy Scouts of America, boys can get Official Boy Scout Equipment by saving the thin aluminum seals under the lids of COCOMALT cans. Encourage boys to help themselves by saving the seals for them.

The Whatnot Returns

It answers the Problem Poser of what to do with your little treasures

Hedrich-Blessing



This typical Victorian whatnot fulfills its original destiny: that of holding Victorian bric-a-brac

By Pauline Leonard

WHATNOTS, those decorative little dust-collectors of crinoline days, are back again—still a job to keep clean, we'll admit, but beloved nevertheless.

Perhaps it's the spread of that virulent bug *collectivitis* that accounts for the comeback. Certainly those bits of china and glass, of pottery and pewter we've taken such pains to assemble deserve a place of honor.

Think hard— isn't there a corner or side-wall whatnot collecting dust in the attic or back at the old home place? It's almost certain to have a dark finish, and your furniture may be on the blonde side. Then re-finish it yourself. It's not much of a job, really. Better yet may be a coat of lovely off-white paint, or any hue that will flatter the pieces the whatnot's to hold and that will blend with the color theme of the room. Dining-room or living-room, bedroom, kitchen, or bath—there's hardly a spot in the house that wouldn't appreciate a whatnot.

If you're no lover of tiny things, try larger pieces, one to each shelf. But not too large, if you please. Experiment a bit before you decide.

It's quite natural, unless collecting is in your blood, to maintain that you've no *objets d'art* that justify

such a display. But haven't you? Little oddments that we dumped into boxes a decade ago as "old fashioned" are often the very things now most sought after.

Those quaint glass paper-weights, with their intricate internal designs—brilliant flowers, initials, and patterns in semi-precious stones—were once gifts of appreciation from some glass-blower, each characterizing the lucky fellow for whom it was intended.

AND how about shaving mugs and mustache cups? You'll find some of the former with a spout near the bottom for the brush. Others mount it on the top. There are hilarious ones with the owner's profession depicted on the outside. A hunter boasted one with fox and hounds. A dairymaid's mug sported a purple cow. If your father still holds jealousy onto that prize mug of his boyhood, give him an electric razor for his birthday.

Figurines, too, have returned to the limelight along with whatnots. Some are exquisite ones of Grandmother's—others as modern as Donald Duck and Popeye. One hobbyist I know gathers little figurines to represent characters in her favorite books. Another makes it a family affair, with each contributing as the whim strikes him. One musician's whatnot features the "fiddlers three" of Old King Cole.

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This unique mahogany drop-leaf table is late Sheraton design and bears distinguishing characteristics of many fine Regency models now enjoying a current vogue. The beautifully figured top, the many membered pedestal and ebony inlays, coupled with painted decoration and rosewood borders, makes this table a rare and valued possession. See it at your dealers.

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BE LATE
FOR DINNER!



There's Macaroni and Cheese
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—Boil 3 cups elbow macaroni 25 min. in 2 qts. salted water. Drain, rinse with cold water. Butter baking dish, put in layer of macaroni. Add 2 cups milk, 1 tsp. salt, ½ tsp. French's Pepper, 3 tbsps. melted butter, 1 tsp. Colman's (dry) Mustard, ½ cup chopped peppers, ¼ cup grated American cheese. Add remaining macaroni; mix well. Sprinkle with ¼ cup cheese and ¼ tsp. French's Paprika. Bake in moderate oven (350° F.) 45 min.

MY HUSBAND'S KEEN
ABOUT THESE COLMAN'S
RECIPES! SEND FOR
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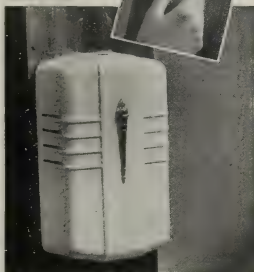
The possibilities are endless—old-time casters or individual salters, hobnail bowls to sparkle in dark corners, miniature pitchers in pottery or porcelain, candle-snuffers and snuff boxes, milk-glass hens and gorgeous wax flowers under glass bells.

ABOUT placing them? Use your own good taste in size and shape, color and arrangement. It's so easy to blot out the beauty of a quiet but lovely piece by installing a noisy number too close by. Brilliant colors attract the eye. Certainly let's use them, but with discretion. Don't overcrowd. Have too little rather than too much. This is no antique-shop window but a lovely form of home decoration. Rotate your treasures if you have many. Keep the uppermost shelf a little lighter and simpler in feeling than those below, so avoiding all danger of topheaviness.

No need slavishly to follow period and geography on your shelves—but do try to keep the spirit of things in harmony. An aggressively modern dish may be very smart by itself, but place it by a delicate Spode pitcher and neither will be happy.

SO IT'S whatnots for yesterday, for today, and most likely for tomorrow. Let's choose ours skillfully for its simplicity of shape, its fine workmanship, and a finish becoming to the room. Let's place on it only the most significant of our treasures—those with stories to tell about the people we really are, and, finally, let's resolve not to arrange once—and then forget. Here is one place, at least, where the scene can change with the mood, with the occasion, with the season. And after all, isn't the interest we take in little things a pretty reliable barometer of the pride that we take in our homes?

Edwin A. Falk



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Curtains Take to the Corners

[Begins on page 12]

the curtains could be drawn almost free of the windows, admitting all possible light and air.

A valance of the drapery material may be used—pleated or gathered, or plain on a buckram foundation, straight or scalloped at the bottom. If yours is a low-ceilinged room, extend a wide valance to the ceiling, covering the wall space over the window and reaching just an inch or two over the window glass, leaving almost all of it clear.

In a room furnished formally, satin draperies are stunning. Finish

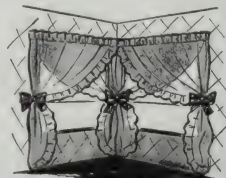


1. When you need privacy and light, curtain with sheer material, hanging very full and straight

them at the top with swag valances, one on each window, with cascades meeting in the corner. Here again, either Venetian blinds or sheer glass curtains, or both, would be lovely.

WHEN the view is a doubtful asset or when you need privacy and the soft, diffused light which filters thru sheer curtains, the way it's done in Figure 1 may just suit you. It's particularly welcome in a room with a pronounced wallpaper pattern. Try celanese ninon in three tints of the same color—a width of each in each curtain. Stitch the strips together, finish with French pleats at the top, and hang straight to the floor. Run leaded tape into the bottom hems. It will make the curtains hang better. Suppose your room has a figured paper in which green is predominant. Then plan a fairly deep harmonizing green for the strip nearest the wall, a lighter green next to it, and a delicate pastel tint in the corner.

Any soft material that drapes well, edged with ball fringe or one of the other engaging finishes, can be hung across the full width of the windows and looped back over ornamental tiebacks. But a word of caution: Don't be stingy with your material.



2. In a quaint American room use ruffled organdy curtains crossed at top and tied back with ribbon

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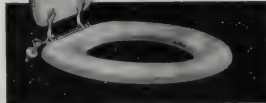
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City _____ State _____

The curtains must be full to look their best—at least double the width of the window, and even more if the material is very sheer. If you're a glass-curtain enthusiast, make them either sill-length or reaching to the floor.

IN YOUR bedroom—particularly if you go in for antiques—you may want ruffled curtains. Figure 2 shows them fluttering in a corner window. Have them of organdy, with six-inch ruffles. Hang them criss-cross and tie back with huge bows of taffeta, one bow tying the two curtains which meet in the corner. Since there is often no window casing here to which the bow may be attached to hold it in place, picture wire can be stretched from a screw eye in the casing above the window to another screw eye in the sill. It hides modestly behind the curtains but gives something to which the bow may be anchored.

BUT suppose you want draw curtains on very wide windows, yet the necessary amount of material all in one curtain would be too bulky when drawn back. Then use a pair on each window, letting them meet in the corner. Or plan one wide curtain at each window, finish it with pleats at the top, and slide it on an I-beam track back onto the adjoining wall. When a complete blackout is desired, which is seldom when blinds are used, the curtains slide expertly over the window. You'll enjoy this as an attractive decorative background for furniture. It's especially good in a room with plain walls.

If two windows don't quite reach the corner, but leave a bit of wall between, extend the fixtures right up to the corner, using draperies to hide the intersection.

Drapery hardware manufacturers have recently brought out special hardware to take care of all these various ways of treating corner windows. Extension rods are equipped with corner supports. Decorative rods and traverse equipment made especially for corner windows are available.

SO ENJOY your new corner windows to the full. But study them well before you buy, cut, and stitch.

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Furniture
Grow Roots!**



DO YOU know right from wrong—in furniture placement, we mean? Do you let pieces occupy the same spot so long that they don't even need Vitamin B₁ to grow roots? Next month the Home-Furnishings Department brings you Do's and Don'ts about this sort of thing.

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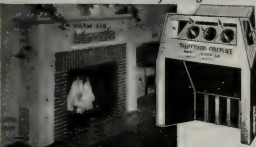
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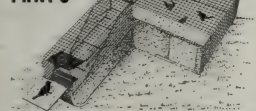
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If Your Daughter Goes to College—

Many of Us Disagree

[Begins on page 20]

Charles Boyer or Clark Gable as they emote thru torrid cinema.

But neither will the necessarily gain such wisdom by being immersed continuously in a scramble for dates.

A bewildered freshman girl at a western state university got into such difficulties that she finally came before the college psychiatrist. "Tell me," he asked, "what did you come to college for?" She replied, "I came to be went with, but I ain't yet."

PROBABLY girls in coeducational colleges do meet, superficially at least, a much larger number of men. Their range of choice would seem to be greater. But how many can they learn to know well, to judge without prejudices?

Some of the advocates of coeducation frankly argue that this is a man's world and girls should learn to subordinate themselves to men by being with them thruout their school life. This, it is said, will get them married and make them happy. But this is a very old tribe of bewhiskered patriarchs speaking. They formerly advocated specialized domestic training for "ladies" in "female colleges." Now, having shaved, they urge that coeducation be used to teach the girls their demure and proper place in this big he-world.

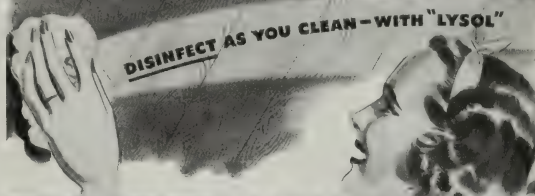
BUT I'm not arguing for the abolition of coeducation. I'm arguing that the women's college still has a useful role to play as Alma Mater of a certain spirit of independence and self-development in women. This spirit will help to keep us from back-sliding into the old sex inequality, as Germany did. It will also improve the quality of marriage.

In my sociology class I had a young woman of the highest mental caliber. She was attractive and agreeable but decidedly of the "intellectual type"—if there be such a thing. However, she didn't wear horn-rimmed spectacles; she used her brains upon timely social problems, such as marriage, housing, and recreation; she made many contacts thru work and play with persons of both sexes, in college and outside. Within a year after graduation she not only had a good job in business but also was married to a young man who had once visited the class with her when we were discussing marriage. There are thousands like her. Within fifteen years after graduation, according to trends clearly indicated, 80 percent of her class will have been married.

WOMEN'S COLLEGES aren't to be scrapped. Many have long waiting lists. The question is, of course, an individual one. Are you going to send your daughter there, or do you think a coeducational institution is better in her particular case?

If she's a girl who is shy and lacking in ingenuity, or has not come to know many boys in preparatory-

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If Your Daughter Goes to College—

Many of Us Disagree

[Continued from preceding page]

school days, it might be well to send her to a small, friendly coeducational institution. On the other hand, a large university with intense social competition might be even worse for her than the women's college, unless she's very attractive. In many state universities the social rivalry thru fraternities and sororities burns so hot that students lose all sense of true values in judging their classmates. Men from the "top" fraternities date with women from the "top" sororities, and their brothers make it disagreeable for them if they associate too much with girls too low in the social scale.

IF YOUR daughter has reasonable attractiveness and acquaintance with boys, or even if she hasn't, a women's college may be the best place for her further development. The picture of deprived, man-crazy young girls on the dormitory steps giggling and shrieking at any chance sight of a passing male is ancient history. It's simply ridiculous. People who have such pictures in their heads ought to see a real women's-college campus on a weekend.

Modern transportation, and the habit of going places often and rapidly, have erased much of the distance between colleges. The Yale campus might almost be said to be an annex to the Vassar campus, and Dartmouth to Smith. At one women's college there's a girl who asked to have all her quizzes put on Wednesday because that, being midway between weekends, was the only day she was sure to be present.

One of the decided advantages of the women's college is that girls are enabled to live according to a plan which is becoming more necessary in modern life. This is the pattern of sharp separation between work and play, at least in certain phases.

The fiancé of a professional young woman deplored that he couldn't be with her every minute. She replied: "I wouldn't want to be with you all the time; I want to be with you when I can relax and give you my whole self. I need time away to build up myself and my work in order to feel worthy of you and to enjoy you most completely."

THIS young woman was perhaps wiser than she knew, and intellectually more honest than her fiancé. Her idea may even carry a hint for the homemaking wife, and to the girl who is still seeking a mate.

In several schools the coeds have made an agreement to limit the number of dates per week, or to cut out dating altogether on certain nights. The voluntary setting up of such regulations after the college had ceased to promulgate them shows the great need to protect work from the encroachment of play and love.

There's also a need to protect play and love from the encroachment of work, but that's a different problem.

Another advantage of women's

Your urge to redecorate can be satisfied so economically if you'll investigate the new Spring Fincastle Patterns and colors now on display in your Department store

Meanwhile, write for your copy of "Window Wisdom"—the Fincastle book containing 22 illustrated window treatments, color swatches and ideas for redecorating. Send 10¢ in stamps or coin to Dept K.

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colleges is that they're fundamentally more democratic. One reason for this is the absence of sororities in most of the better-known women's colleges. But this is merely a symptom of a fundamental attitude—the attitude of being satisfied with one's social status, whatever it is, and hence relatively indifferent to invidious distinctions and social competition. A study at Bennington showed that girls spend anywhere from \$19 to \$1,038 yearly on clothing.

TO BE sure, many of the girls in these colleges are "tops" on that social ranking scale which the world likes to apply. Some come from families with less prestige but plenty of money. Still others excel in brains and are there on scholarships. But the college life makes them all equals in a very deep sense. They've come to college from many motives. Social climbing isn't one of them.

But how about the attitude of this little campus democracy toward the outside world? Is that democratic? The answer is that we have plenty of girls in these institutions who are working or fraternizing with people of other social groups. Some of this they do as "field work for the social sciences," some of it as "volunteer social work," and some of it in connection with extra-curricular organizations of a radical type.

FINALLY, it may mean something to some parents to reflect that a girl who attends a more distinguished women's college will make a number of friends who will later be among the leaders of the country. She will be more closely associated with women of achievement. Not all of this achievement by any means is professional, nor does it today imply the sacrifice of marriage nor the neglect of family and children. It spells women taking their rightful share of all kinds of leadership.

I have tried to show the general advantages of the women's colleges. But again let me say it all depends on the particular college and the particular girl. Yet it's dangerous to use any fixed formula to tell what kind of girl should go to what kind of college.


It's not safe to trust the girl's own judgment alone; and it's highly dangerous for the parent to dictate in opposition to the girl's wishes.

THE best way is the way of discussion and mutual understanding, begun long before the decision is to be made. Tell your daughter all you can learn about the advantages and disadvantages of different colleges within your means. Then remember that many points are neither good nor bad—in general—but represent different tastes and values. Encourage the girl to express freely her own feelings about work, play, boys, love, marriage, achievement, and so on.

In her own feelings, you will find, if not the answer ready made, the clues which will lead to an answer. Don't let the ancient history of sex repression, horn-rimmed spectacles, and of "spinsters factories" cloud her judgment nor yours.

You're the judge and jury, and we'd like to hear from you. We'd like to know in your opinion who won the argument. But perhaps you'll want to reserve decision until you've read May F. McElravy's answer in an early issue.

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Go Sit in the Corner

—AND LIKE IT!

Photographs by Mott Studios



BAD It's "invitation" that this corner lacks, yet it's quite a usual corner, to be found in many a living-room. Same comfortable chair, same table, but there's no pleasant evening of reading ahead, for there's no lamp near by. Nothing wrong with the botany prints, but they add little to the setting, merely repeating the floral theme of the wallpaper. Below is same corner plus "oomph."



GOOD In which corner would you rather relax for a cozy evening at home—here, or in the one above? Which is most decoratively appealing? The answer's easy, we think. The simple screen and tall plant-stand add architectural lines which give the setting weight and importance. The lamp, with its reflector bowl, makes the corner a real spot for reading. If the walls were plain, a wallpaper-covered screen would be a wise choice, and a good I.E.S. floor lamp should replace the pedestal.—Helen Weigel Brown.



Add the lustre of crystal and a note of glamour to your giving. Be it a gift for yourself or something especially nice for others, there is no selection more charming than the new Fostoria Colony pattern. It's particularly effective for colonial settings. And smart-

est, too, for modern tables. You'll adore it to give! You'll love it to keep! And you can buy *Colony* without a bit of budget-pinching. Your dealer has complete *open stock* service sets or accessory pieces. Write for leaflet 405. Fostoria Glass Co., Moundsville, W. Va.



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Gives over 101 different surface heats at twist of wrist for first time on any electric range.

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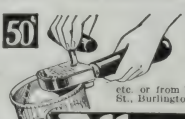
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AMONG



✦ **Cigar-Band Artist:** Ralph L. Bancroft, Browns Mills, New Jersey, makes wall panels by cutting cigar bands in small pieces and then assembling them like mosaics. He made the three on the wall

Below: Why not take your garden traveling? This interesting cactus garden journeys over 35 states with *BH&G* reader Karl C. Fromm, molasses salesman, who headquarters in Chicago, Illinois



TATTLE TALES

Tom Thumb, the Bewitcher: Remember the Texas girl that Tom Thumb, our Bildcost No. 603A, bewitched—and the lovely little home she made out of it? Nan—her last name is Wright—is still receiving letters and visitors as a result of the publicity (see *BH&G*—November, 1939, page 16); and now a big nursery has been so bewitched by the place that it's landscaping it and surrounding it with flowers, gratis. Miss Wright announces that she's had some nice fun, but that this is the mostest of the nicest she's ever had.

More on Lemon Growing: Mr. A. F. Camp, horticulturist at the University of Florida Citrus Experiment Station, tells us he has been deluged with inquiries as a result of the lemon-growing story by the late Benjamin Wallace Douglass last January. He says that so far as he knows, it's not possible right now to obtain a Meyer lemon plant, grown on Otaheite rootstock—which is the type, likely, that Mr. Douglass owned—because this variety practically disappeared during the depression. There won't be many available, he believes, until some Otaheite trees are grown from imported seed.

MEANWHILE HE WARNS our reader-families to expect to be somewhat disappointed with the trees grown on ordinary rootstocks. They won't likely be "dwarf," and will require larger containers. However, if you do order lemon trees, it might be well to ask for trees budded on Trifoliolate stock. These will dwarf a little better than trees on rough lemon or sour orange and, altho not as long-lived, are better adapted to potting.

Novel Birdhouses: Unfortunately there's no space to picture some novel birdhouses sent to the *BH&G* staff by Dr. B. J. Lammers, Louisville, Kentucky. Long a bird-club member, Dr. Lammers is an exponent of the practice of using available materials for novel bird residences. Among the items he has cleverly converted into houses are discarded lard cans, old shoes, coconut shells, glass canisters, and even old straw hats. Decorated, painted up, and made inviting for birds, they have an appeal to those who favor the novel over the conventional.

Photographic Guest: The cheerful coed you saw on page 20 is the niece of famed D. W. Griffith, who made history with "Birth of a Nation" before she was born. Her name is Gerrie Griffith.

OURSELVES

News and Gossip



Prizewinning garden of Mrs. Anthony Van Kammen, Grand Rapids, Michigan, Kent Garden Club member. Too bad you can't see the rambler roses on fence.



"A happy little guy"

The Baby on the Cover: He's 22 months old; he weighs 32 pounds; his name is Bruce Hamilton; his father is in the adding-machine business in Chicago; and this is the first time he ever posed for a photograph of this kind.

Bruce's appearance on a *BH&G* cover is, in a measure, accidental. A Chicago photographer, Frank Lewis, and some of his cohorts saw him in a restaurant one day and had him come to the studio for a test picture. Mr. Lewis told his friend, Art Director Hainline of *BH&G*, about the boy. Came the cover picture. And that's the whole story in two short paragraphs. "He's a wonderful model, a happy little guy, and easy to work with," says Photographer Lewis. Jim Cunningham of the Lewis studio made this specific cover shot.

Guest List: Wainwright Evans (page 21) should know whereof he speaks, when writing of colleges and coeds. He attended one of the "Big 3" male universities. Mrs. Evans got her schooling at both a women's college and a large coeducational university. His son went to a small coeducational college, as did his daughter—but to a different one—and both went to coeducational private schools before college. In addition, Evans has taught at a boys' school and three state universities.



Miss Marthabel Buttermore, Bellevue, Pa., conducts a boys' class in foods and homemaking. She avers that her desire is less to train model husbands than to make genuine and capable chefs out of her apt pupils.



Youthful Gardener: "Come walk with me in my garden. I'd like to have you see how flowers do grow and bloom for a little boy like me; and if you would like to see a watermelon vine, you just follow me to my watermelon vine."—Mrs. Jess Harris, Gibson, Nebraska, to her 5-year-old nephew, Donald Brown, who really has a garden and a melon patch.



Bring on those "finicky" appetites—
**HERE'S DEEP-SEA FLAVOR
TO TEMPT THEM!**



But remember, there is a difference
in tuna—and you want tuna like this!

Sandwiches disappear like magic! Salads outdo themselves! Main-course dishes repeat by request—when you have Del Monte Tuna in the makings.

And the minute you see—or taste—this finer tuna you know the reason why.

Firm and flaky, of course. Appealing in color. Fresh and inviting in flavor. Exactly the way you'd expect Del Monte Tuna to be!

Two styles, what's more, for your special convenience. Solid Pack and Shredded—equally delicious. Why not keep both of them—handy?

JUST BE SURE YOU GET

Del Monte Tuna
FOR FINER FLAVOR IN EVERY TUNA TREAT YOU SERVE





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"Beauty has come to stay in our home since we put Kolor-Fast Nu-Wood on our living room walls and ceiling! I never thought that colors could be so rich—and yet so subtle. And those colors will always keep their charm—because they're fadeproof. Our living room is much more restful and comfortable since we put in Nu-Wood, too, because Nu-Wood insulates and quiets unwelcome noise!"

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Kolor-Fast Nu-Wood can be applied to your walls and ceilings quickly and easily with the minimum of muss and upset. With Nu-Wood you have permanent decoration—beautifully textured and patterned walls and ceilings, glowing with soft color . . . solving your decorating problems once and for all. Should you wish to build an extra room in your attic or basement, Nu-Wood does that job, too!

EXCLUSIVE ADVANTAGES AT LOW COST!

Don't confuse Nu-Wood with other insulating interior finishes! Nu-Wood is different . . . has more style . . . more appeal. Remember, too, that Nu-Wood colors are made fadeproof by a new and exclusive process. With all its advantages, Nu-Wood is amazingly low in cost. Add new glamour to your home with Nu-Wood—mail coupon for full information!



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(Confession) I want to know more about the new Kolor-Fast Nu-Wood. Without obligation, please send me complete facts.

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Moon Time

A lazy moon wakes
And fireflies shine;
A hummingbird dreams
In a honey sweet vine.

A still little gate
Is caught on the latch;
And a dewy bud gleams
In the quiet rose patch.

A little white walk
Creeps up to a door
Where a June bug is poised
On the moon brightened floor.

A black cricket hides
Where shadows are deep;
And the rose lady stays
In her house fast asleep!

—Queena Davison Miller

**If Your Daughter
Goes to College—**

**Coeeducation Is the
American Way**

[Begins on page 20]

"Then be not coy, but use your time,
And while ye may, go marry;
For having lost but once your prime,
You may forever tarry."

THE story of Ruth in the Bible ought to be required reading for every girl. Here is the classic example of the wise girl who gets her man—and no nonsense about it. Ruth and Naomi, you will recall, landed in Jerusalem without a job. They took a room, and Ruth went looking for work. She found it in the fields of Boaz, a kinsman of Naomi's. Coached by Naomi, she washed and anointed herself and put on her best raiment—just like Fay Lathrop; and then settled matters by a bold stroke. She went down on the threshing floor, where no woman was supposed to sleep, and lay down at the feet of Boaz and when he woke up and wanted to know who was there she told him; and then blandly added, "Spread therefore thy skirt over thine handmaid." Out of that whispered conversation in the darkness came marriage. He made Ruth leave before it was light, for fear her bold but innocent action might start a scandal. And then he married her promptly. He knew when he was licked. And he liked it.—A charming story.

WE HAVE all seen those absurd Hollywood pictures that show "college life" as one continual round of coeducational skylarking, with no books in sight and with professors who wear horn-rimmed spectacles and don't know enough to come in out of the rain. The thing to appreciate about those admittedly silly pictures is that, as compared with the theory of educating girls by secluding them thru from four to eight vital years in manless institutions, Hollywood has chosen the better part. I would rather send a girl to one of those imaginary

For Homes of Modest Means



**New
COAL FURNACE
AIR CONDITIONER**



Now even a modest budget can bring you the comfort of modern heat—clean, pure, humidified air, warm and pleasantly circulated. For this new Coal Furnace Air Conditioner does not require an oil burner or stoker; yet it provides complete Winter Air Conditioning benefits. (In summer a delightful cooling effect is obtained by operation of the cleaning and circulating units.) Compact, attractive and dependable, here is a modern furnace the average man can afford. Built by Round Oak, pioneer and leader in warm air heating for 69 years, this Air Conditioner should be included in your building or modernization plans.



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Send free Air Conditioner Folders. ☐ Coal
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City.....State.....

Hollywood colleges—crazy as they are—than to some henhouse colleges I could name where an impeccable intellectuality reigns, where any male visitor encounters an atmosphere so thick with hostility that he has to plow thru it. If he happens to be in love with the maiden he goes there to see, he'd better marry the poor girl and take her out of it before it gets her.

A WOMAN who attended a certain women's college once said to me: "When girls live together without any men around, the atmosphere becomes too feminine to be normal. I suppose the same is true for men when they have no contact with women."

"Anyhow, I think too exclusive a contact with other women tends to make some women frigid and indifferent toward men—man-haters and man-despisers; while in some others the deprivation creates an interest in men that may be nothing short of an obsession."

"In the college where I went I once saw a group of girls sitting on the steps of one of the dormitories. A 12-year-old boy was coming down the walk. Then one of the girls got an idea; and they dared each other to catch that boy and kiss him. They took after him; and he, frightened nearly out of his skin, took to his heels and got away."

"ON THE surface that looks like a harmless prank. But it seemed to me very revealing of what may happen to women who are artificially and unnaturally separated from men. Moreover—I knew other things; I knew that 'crushes' abounded in that place. I suppose that most of the time the schoolgirl 'crush' is harmless—a passing phase."

"Nevertheless, it may be incipiently homosexual. Of course, it all depends on the girl. Some would never be touched by it, but I certainly wouldn't want a daughter of mine subjected to any artificial stimulus in that direction. It's better and safer for girls in general to have abundant contact with men, in common daily tasks."

"ON THE other hand, I don't think isolation from men has any perceptibly warping effect on the girl who has always had plenty of male society, and who can take it or leave it alone. I was that way. Men were an old story to me and my quarrel with the women's college was simply that it reduced my chance of finding the right man to fall in love with, and deprived me of a great deal of stimulating companionship besides."

I think that's what it amounts to with most American girls.

"Then you'd choose coeducation and in a big university?" I asked. "Of course!" she answered. "Such a place gives more human contacts and a wider range of choice of activities and studies. It exercises the personality in a greater variety of ways. But it's a better place for the strong and energetic than for the weak. Moreover, there are certain temperaments that doubtless thrive better in the more village-like life of the small college. No one rule goes for everybody."

This woman's last comment is

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worth thinking about, not only with respect to the large as against the small college, but with respect to coeducation itself. Coeducation obviously has its difficulties and its faults, and sororities, for example, are all very well for the Fay Lathrops who crash the gate—but they're damnable for the girl who for one reason or another fails to get into the charmed circle.

MOREOVER, to separate the sexes in education does automatically eliminate certain problems; for sex is dynamite, and it's always on deck in coeducation. But so is it in life. Why side-step one of the universal problems of actual living? Why not educate boys and girls to cope with it?

Again, immature-minded girls in coeducational colleges often go boy-crazy, and get nothing out of college but a hectic and unwholesome social training.

The same thing happens to some boys. But such misfits aren't average. What happens is that the average student gets normal stimulation, pleasure, and benefit from the presence of the other sex. And here a little sound administration by the faculty helps. I know of one coeducational college, for instance, that provides dancing every evening after dinner till 8 o'clock. Everybody has a good time; everybody is satisfied; they get it out of their systems. Incidentally, there are no fraternities or sororities in that college—and so everybody gets a break.

ON THE WHOLE, it seems to me that the most conclusive argument for coeducation is that it commits itself without misgivings to the American way of life. Coeducation fits in with the vote for women, with women in office, women's owning their own property, women on juries, and women increasingly the co-equals of men, independent of men, and hence self-respecting individuals—not mid-Victorian clinging vines and weeping willows. These are essential features of our American civilization.

Moreover, our American way of life, except in some of our seminaries for genteel females, breaks with the Old World conventions that are based on the notion that the girl who isn't protected and chaperoned and watched is likely to "get into trouble." American men prefer the sort of girl who is sure of herself with men because she has always been with them, and who can take care of herself sexually, socially, and economically.

It's interesting in this connection to note that a recent survey on marriage at the University of Chicago showed that the girl who has worked in an office with men, and has rubbed elbows with them in common tasks, is much the best matrimonial bet. These girls know men as they are.

IN AMERICA we have committed ourselves to this general point of view about the relations of men and women. It's a view that calls for coeducation and for co-everything else.

Now turn back to page 21 and read Professor Folson's defense of the women's colleges—the professor believing, apparently, that the best defense is an offense.

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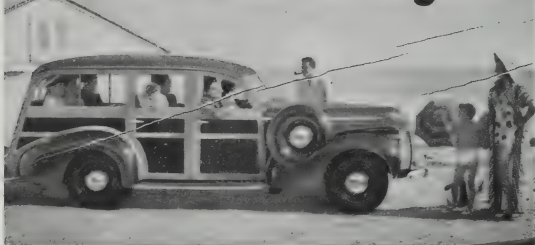
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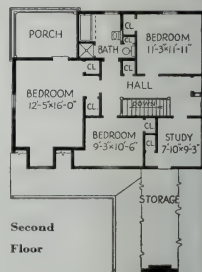
Where's the Garage

So successful is this home design that the usual conspicuous garage door is blended perfectly into the whole picture

Courtesy American Gas Association Competition 1939



Mr. & Mrs. R. V. Elliot are the owners of this La Grange, Illinois, home, a prizewinner in a recent local building competition



By John Normile

Better Homes & Gardens' Architect-Editor

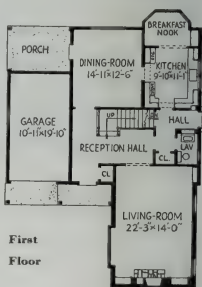
THERE are any number of good points about this house, the most interesting of which is the garage door treatment. You may want to borrow some of the ideas.

Of course, such a well-camouflaged garage door is no help to the inebriated gentleman who has as much trouble fitting a car into a garage as his proverbial ancestor had in fitting a key into a lock. In fact, it just wouldn't do at all.

But we're not really concerned with that question here, anyway, and most certainly this particular home has been given a grace and welcoming mien that are not possible where a flat-faced garage door stares blankly into the visitor's face. The garage door's window, in effect, has become a part of the whole picture.

QUITE likely when you build you'll have an attached garage. Practically everyone is doing it these days. Here you see an attached garage that is anything but disconcerting in appearance (as are so many), and you must admit that it's convenient, and that the protected passageway between front door and garage door (if you've found it yet!) is well handled.

Incidentally, you can go directly to the front door from the kitchen



without passing thru a main room—and the powder room (downstairs toilet-room to you!) is as handy for a quick prim on the way to answer the buzz as it is to the incoming guests, yet this lavatory is in no way obviously prominent.

The home is owned by Mr. and Mrs. R. V. Elliot, who, with a small daughter, live in it and pay their taxes as of residence at La Grange, Illinois—one of those far western suburbs of Chicago, where commuting on the Burlington is good, where the smoke-free air sweeps in

Door?

Possibly it's because the owner is in the lumber business, but this little house has "special wood detail" all the way thru it



The long living-room, with side-compartment fireplace and white paneling, looks south thru a many-paned window



The Elliot kitchen is not only sleek and tastefully done, it also boasts of excellence in fixtures and equipment. The brightly daylighted dining bay adjoining enhances its value

off the prairies and the plains to the westward, and you're far enough out that you aren't bothered with the roar of the "L."

Mr. Elliot is in the lumber business, doubtless the source of the appreciation of details and good lumber so well reflected in the house itself. Mr. N. John Nelson of La Grange was the designer-builder.

THE house faces east on a 50-foot lot that runs back a hundred and fifty feet—which means southern exposure for the living-room. The southern view and exposure will not be spoiled to any great extent by someone's building on the next 50-foot lot to the south.

Upstairs there's good cross-venti-

lation for the bedrooms, and also plenty of wall space for furniture.

There's a recreation room in the basement that's no trouble at all to get into.

The task of developing, on a 50-foot lot, a good layout for a house with attached garage isn't as easy as it seems. This house is a pretty creditable example. Certainly it has a good perspective from all sides, and both the roof line and grade are good. I've said nothing about the fixtures, decoration, construction detail, and mechanical equipment—but that's pretty good, too.

Possibly it was just general excellence that made this home one of the prizewinners in a recent Chicago District competition.

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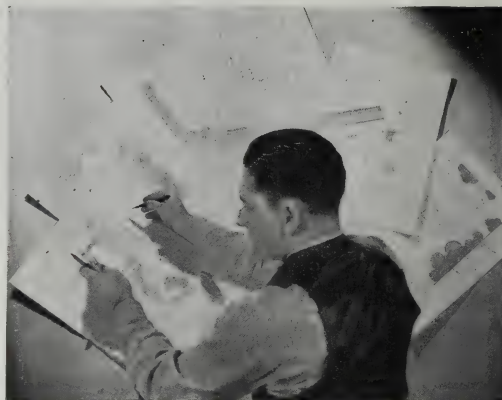
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PUT YOUR Garden on the Map



From the map of the whole yard, trace off the various sections which are devoted to special groups of plants or seasonal effects. It's not only helpful, it's fun

By Leah Gish

EVERYBODY says a garden is where you forget. By that they imply you go there to forget unrequited love and the mean things Aunt Jennie said and things like that.

But what one really forgets in a garden is where he planted what. You can't expect a man to remember a thing like that all summer—not when he can't even remember where he left his hat last night.

Well, it's sad, but what's to be done about it?

I'd say put your garden on a map. Ask a man where Timbuktú is, or Wahoo, Nebraska. What's he do, besides tell you he doesn't know? Turns to a map, doesn't he? For centuries maps have been a way of locating things, and they work better for your garden than they do for Europe—you don't have to change them so often.

With a map to go by—even the simplest sort of map—having labels chewed up or carried off by kids or dogs is no calamity. In the fall you needn't leave tops for identification but can make your garden neat as you like. You don't gouge into prized bulbs. Frost heavings never disturb your map safe indoors.

Easy to Make: Garden maps are not hard to make. I manage nicely enough, which proves it. Get together a pencil, ruler, colored crayons, some sheets of paper, and some tissue paper. You'll find 8½-by-11-inch sheets quite large enough for mapping a small garden or a special section of it. No doubt you'll want to keep the map in your garden record-book, and if the book's smaller than 8½ by 11, you'll want maps larger than that—ones that fold.

Get out your measuring tape and take your garden's measurements. From these draw up a "master" map of your whole garden. The easiest way is to plot it on some sort of cross-section paper, letting one square equal a definite number of feet in the garden. Map in the main garden paths, buildings, fence, posts, trees, and outlines of beds and borders.

But don't indicate the plantings on this master map. Instead, make from it detailed maps of your various beds and corners and plots. For example, you'll want a map of your tulip plantings. So lay a sheet of the tissue paper over the master map and trace off all the beds and borders containing tulips. Then on this tissue locate the tulips you plant. On the back of the tissue or down the side you'll want to record the full names, dates of bloom, sources, and other vital statistics for each variety.

In a similar manner trace off and complete a tissue map for each other species of your flowers—for your irises, your peonies, your daylilies, your roses, and all the others. Perhaps where you have only one or two varieties of each species, you'll want to combine them on a map of the whole bed.

Aid Color Planning: Crayons are almost indispensable when you're planning color. Rub all spaces allotted to early perennials with one color, all spaces allotted to late ones with another, all allotted to annuals with still another. Then you'll know how big and gay your garden will look at any one time—say when your very critical family is coming to visit you in June.

Maps work for [Turn to page 119

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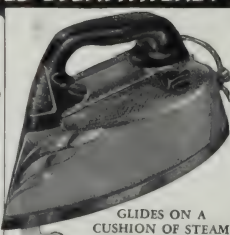
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\$10 Cured Our Dining-Room

By Harold L. Meyer



Before: The dark pan-cupboard. To the right, what it became with the aid of paint and attractive scallop trim



Before After

GRIMLY we surveyed our new dining-room—new to us, but old to the neighbors. Here our cherished Early-American dining set must go. It was enough to give one the horrors.

The room had four major tragedies—an ancient glass-doored cupboard stained dark and varnished, its back a serve-thru door into the kitchen; an atrocious central fixture that gobbled electricity and gave the worst sort of light; a disproportionately high ceiling; and villainous wallpaper.

And the worst of it was—or so it seemed then—that we had to do whatever was done on practically nothing flat. Of course, since this is a "success story," everything did



After turn out stunningly at a figure that even our slim budget could laugh at. Ten dollars, no more! And here is what happened:

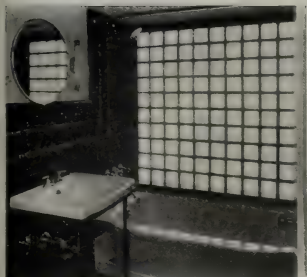
Ancient Cupboard—Brand-New Version Off came doors and casing. On went a [Turn to page 103



Before restoration, the maple dining-room was har- pered by an old-fashioned light fixture and forlorn wa-

Light Without Sight

If you don't like the view or don't want anyone peeking, but still want daylight—use glass block



↑ The members of the family that enjoy this kitchen didn't like the view in one direction. So they installed glass blocks on one side. They supply the necessary light for sink and range work, but stymie the unsightly view. Incidental note: the jaunty breakfast bar

↗ An exterior wall panel was used in this Dodge City, Kansas, home to obtain more light at the top of the stairs, both for safety's sake and to secure a modern decorative effect. This house, incidentally, being completely dust-proof and air-conditioned, could employ glass block elsewhere because of insulating value

↗ Intelligent use: Installed in the tub-side wall of a bathroom, glass block provides a liberal supply of daylight with complete privacy and no window drafts whatever

THE use of glass in home-building isn't a brand-new idea of 1940, but it wasn't so long ago that masses of us stood around and marveled at the uses of structural glass at Chicago's Century of Progress Exposition, in 1933 and '34. If our memory isn't playing tricks, two houses there were built almost entirely of glass.

Of course, the time when you'll see a preponderance of all-glass houses is still in the distant future; yet there are spots in every home where glass block can be used expediently, and where it's quite as ideally suited as any other material.

Here are pictured three likely uses of the material.

A well-lighted stairway is a very wise precaution. Darkness is responsible for many an accident. Glass block inserted in the curve of a stairway, or at the top, as in the picture on this page, lets in waves of

well-diffused light without exhibiting the stairway to outsiders and without revealing what might be a drab view.

This matter of drab view also can be taken care of by glass block in many other places in the house.

For instance, kitchens need lots of light; but it isn't always that the view from a kitchen window is the most inspiring. Glass block along one side, or at one end of a kitchen, will let in all the daylight that's needed.

THE nice part about such block is that much of the product is made to contain a partial vacuum, giving it insulating value.

Nor is it really necessary any longer to employ draperies or curtains to block out undesirable views in other rooms. Now, instead of having to break wall areas for windows in order to get [Turn to page 102



INVITING AS THE COMFORT OF A SPRING-AIR MATTRESS

While there is no secret about what goes into the making of Spring-Air — (any dealer will gladly acquaint you with the important details of construction) — still there always seems to be considerable amazement on the part of its users that any mattress could be so comfortable. To them it is an agreeable mystery how in one mattress every requirement for complete body relaxation, perfect body support, and natural adaptability to body contours, can be achieved. And as time goes on the wonderment grows that all this original comfort is sustained without abatement. Knowing how these people — hundreds of thousands of them — feel about Spring-Air, we have the greatest of incentives for taking the steps needful in making Spring-Air the finest of mattresses. You will appreciate this singleness of purpose once you try Spring-Air.



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*Appearing in Columbia's
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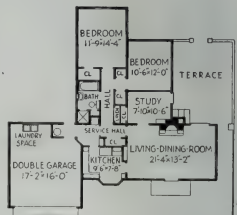
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State

Little White House



Nothing figurative about the framing of this entrance by tree-and planting. It's an almost-perfect picture of simple white walls and cheerful red terrace in a frame of green. As for style, the house is one of those happy designs that are good in any part of the country



Floor Plan

ONCE upon a time if you woke up from a Rip Van Winkle sleep and found yourself in front of a little white house with a picket fence, all under a big tree, you'd have sworn you were in New England.

If you woke up in front of this little white home with its picket fence, sitting demurely under a big oak tree, you'd probably think you were still in slumber and dreaming—it's that fetching. But you'd find yourself in California, not New England; and you'd find yourself taking to a well-bred little dwelling that's sedate in the right places and saucy where it isn't sedate—inside and out. It belongs to Mr. and Mrs. Wm. Siebert, Flintridge, California.

HOUSE styles don't stay at home now, anyway. The pure, chaste New England Colonial is becoming about as numerous in California as Okies; and likewise the offspring of the Mission and the Mexican, called "California," has staked claims in cities in every state—with maybe the addition of only an extra suit of underwear for insulation when it invades northern climes. And they sweep the snow off Southern Colonial's colonnaded front stoop in Minneapolis and Marquette.

But the nice part about this little home is that it pays no tribute to any section's precious style and idiosyncrasies. Architects Spencer and Landon gave it just enough versatility that it can feel at home under an oak or an elm in any man's yard, even if he should set up homemaking beneath the dignified countenance of Massachusetts' famed capitol dome.

I don't need to gild the lily grown

by the pictures and floor plans. You can see for yourself the two bedrooms, for instance, and the little study which *may* become an extra bedroom; the living-dining-room with its big fireplace and open-shelved cupboards of old pewter and gleaming china; the low-pitched roof of cedar shakes; the reinforced grout-lock brick walls that are economically whitewashed; the outdoor living-room that's so much better than a homely service yard; the corner barbecue that utilizes the house's chimney; the pots of geraniums on the terraces—the good construction, simplicity, and arrangement of it all.

WHAT you can't see on these black and white pages are the red of the brick terraces and bright geraniums; the soft ivory of the shutters and window trim; the bay window looking out upon the garden from the amusing provincial kitchen—such kitchen laid out, by the way, for children's quick lunching, and informal dining *en famille*—and, in fact, the color tone of the whole house that seems to soothe you into staying a while to soak up some of the beauty and restfulness.

Need I add that I really like this little house?

Under an Oak Tree

It has room in the right places! Well planned inside and out, this small home uses every inch to fine advantage, and is at home in any part of the country

By Ethel McCall Head



Photographs Courtesy American Gas Association Competition 1939

Of the interior, the living-dining-room is outstanding. With its massive, graceful fireplace, it bespeaks that rare combination of virtues so often sought and seldom found—beauty and usefulness. How much better, the owners thought, to have one pleasant large room than two tiny ones! The open shelves hold old pewter and precious china



How's this for an idea? Tucked in between two wings are this terrace, which serves handsomely as an outdoor dining-room, and a barbecue grill that neatly fits into the corner, formed as a part of the main chimney



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—THE STORY AT A GLANCE

Babies Were Meant to Live

[Begins on page 40]

thrombin is the element in blood which makes it clot) very quickly in diseases of prothrombin deficiency, such as jaundice. (Apparently it doesn't work in hemophilia.)

THEN it was found that some newborn infants are quite deficient in prothrombin, perfectly normal full-term ones having only from one-sixth to one-third the adult amount, prematures having much less. When expectant mothers are given Vitamin K concentrate for several weeks before confinement, the prothrombin level of the infants rises greatly. It even helps if Vitamin K is given after labor has begun, and it can be given the infants directly after birth. It's believed this will be instrumental in heading off many cases of cerebral hemorrhage, jaundice, or anemia in the newborn. And where one of these diseases has appeared, Vitamin K brings rapid improvement. Its use has barely started, but doctors believe it may prove one of the most revolutionary things in obstetrics, helping more than any other one thing to cut the mortality rate of infants under 1 month.

FOR birth injuries, next on the list, there's also an important development—a new apparatus for measuring the mother's pelvis by X-ray. Defects stand out clearly, and in cases that threaten difficulty the doctor can be completely informed as to the size and shape of the bony framework. At last the guesswork has been removed from this phase of obstetrics.

Already gastro-intestinal disorders, which used to claim so many infant lives, have been made negligible by clean milk and education in infant-feeding. Now that every food for the infant, from milk thru soups, vegetables, and fruits, can be procured in cans, prepared under the cleanest conditions, sieved, and always uniform, infant digestive processes go much more smoothly.

EPIDEMIC deaths have also been cut enormously. The up-to-date doctor insures babies under his care against diphtheria and smallpox as a routine matter, and many are now giving scarlet-fever toxin.

If a child is exposed to measles, convalescent serum is given 4 or 5 days after exposure to halt the attack, or 6 or 7 days after to permit a mild case.

Where a plan like this is followed, there's precious little chance for your child to suffer seriously from an epidemic.

Respiratory diseases have baffled the doctors to date, but the Cradle, at Evanston, Illinois, in co-operation with medical authorities, hopes one day to learn this secret, too.

The new childbirth anesthetics can relieve women of the worst of their labor pains. Yet wonderful as they are for the mother, unless expertly administered they hold a danger for the infant which should be more generally understood. Too much can produce a "blue baby,"

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normal, perfectly formed, but not breathing. Many babies who had to fight their way thru the birth canal without aid from an unconscious mother, can be spotted in the nursery by their languor, their failure to eat, respond, or develop on a plane with the others.

THE Maternity Center of New York City, a pioneer in the movement to save mothers and babies, suggests that parents and doctor should talk over childbirth anesthesia in advance, then leave it in the doctor's hands. He will plan for an amount of anesthesia which will relieve the mother of her worst pains, without injuring the baby. Any mother, when she realizes it's for the welfare of her child, will gladly bear the rest.

In addition to the foregoing measures for new mother and infant safety, there's neoprontosil, a derivative of sulfanilamide, which has given excellent results with kidney complications, hitherto greatest menace to mothers. New preparations stimulate appetite in weak newborns. Sun lamps, available in home sizes, bring sunshine vitamins, antidote for rickets.

ALONG with these latest life-and-health-giving wonders, it's interesting to note an increased emphasis upon the oldest thing in baby care—breast-nursing. Dr. Alexis Carrel tells us that not only is mother's milk the best and safest infant food, which we've known all along, but that lack of nursing exercise in infancy may be the cause of the many jaw and nose malformations, the protruding upper teeth, nasal growths, and sinus troubles we see in children today.

At the same time, doctors tell us, modern life is interfering with lactation in women. What to do! Hormone injections have been found to stimulate milk flow, but this work is still experimental. There's only one thing for it, the doctors say. During the nursing period, mothers must revert to the calm, unhurried, home-centered life their mothers led, cutting out most club and social life, resting lots, and worrying as little as possible. This will very often do the trick, they tell us, and the woman who makes the sacrifice will never regret it.

SO MUCH for the medical side of the program, imposing enough to suit anyone. Now what can the rest of us do?

I went to the New York Maternity Center to find out. "Never stop hammering away upon the necessity for a woman to place herself under a doctor's care the minute she suspects she's pregnant," they told me. "Mother and infant deaths drop in exact ratio with the time at which the mother first consults the doctor."

"And get the father into the picture! Let him find out who the best doctors are, which hospitals have the best record. He should study prenatal care, and learn about babies also."

But why do many hospitals exclude the father from the delivery room, and make him leave his wife's room when the baby comes in to nurse? They say it's to protect the youngster, and in the case of a

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premature or weak infant, such extreme measures may be justified.

A committee of the New York Academy of Medicine has reported, however, after a study of maternal deaths, that two-thirds of the avoidable ones were the result of negligence on the part of an attendant, and one-third resulted from the mother's failure to take advantage of the facilities available for safeguarding her. In no case was the presence of a father given as the cause of a death.

It seems to me safety satisfaction would be best served by encouraging the father to be around more, submitting to such hand-washing and mask-wearing as is deemed advisable, rather than by shutting him out at the times of most intense interest to him.

MANY things remain to be worked out, for, after all, this great campaign to save all the babies meant to live is in its infancy. It's certain, however, that babies born this year will have a better chance to survive than any born before in America. During the next 20 years we should be able to add to our population nearly a million and a half who otherwise would have been lost—a bonus of youth, our greatest national asset.

Baby Clinic

FOR PUZZLED PARENTS



Editor's Note: Here's a new service for parents. What is your child's problem? Gladys Denny Shultz will be glad to help you with all but medical questions (which should be referred to your physician).

No Cereal or Solids—No Milk!

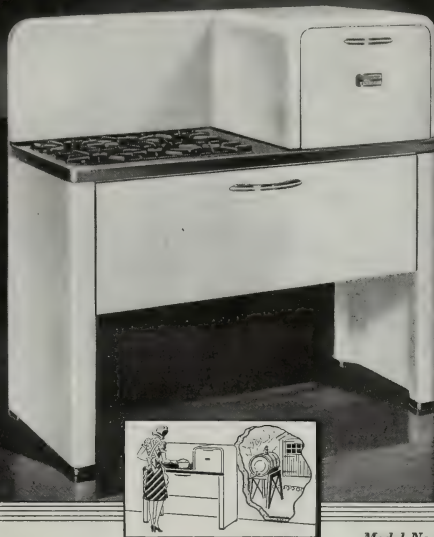
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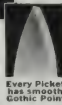
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Nature Gets the Speed-Up

People have tried for centuries to change plant inheritance. Now that poisonous drug, colchicine, is doing it. . . . The story of some strange new flowers and what's back of them

By Frank J. Taylor

By WETTING stems and soaking seeds with solutions of a mysterious drug, colchicine (pronounced kol-chi-seen), plant breeders are now able to take short-cuts thru the processes of Nature and make varieties never before seen.

The still in the experimental stage, this artificial speeding up of evolution provides research botanists with an exciting tool, and has already given flower fanciers some remarkable new hybrids. In the trial gardens of three large American seed companies—Ferry-Morse, Bodger, and Burpee—new kinds of marigolds, zinnias, cosmos, petunias, calendulas have already been grown. This season some of them, raised from colchicine-treated plants, will be found in private gardens. And in laboratories here and abroad scientists are trying this new key on many different botanical locks.

New Marigold Is Giant

Thomas Little, Burpee's chief hybridizer, showed me two marigolds in the trial garden. One stalk as thick as my thumb had heavy, deep green leaves and a giant flower. Beside it, and dwarfed by it, grew an ordinary marigold. Its leaves were thin and weak. And that was not the only difference; for Little explained that the flowers of the new colchicine-developed marigold, when cut and put in water, last twice as long as the ordinary bloom.

Nature, if left to herself, might in time have produced this strange giant marigold. Every once in a long while, from seeds which generation after generation have yielded fairly similar plants, there will spring a plant that is quite different—a "sport" or, as the scientists call it, a mutation. It doesn't always look very different, but it has one or more characteristics—height, or color, or drought resistance, or immunity to certain diseases, which none of its ancestors ever possessed.

For centuries man has tried to emulate the whims of Nature by trying artificial crosses. But far too many of them were sterile or, if

they bred at all, didn't breed true. Nature's rare mutations, however, if inbred or self-fertilized, breed true and are often the founders of a new race. So botanists search remote corners of the world for these mutations. All Golden Bantam Corn comes from one rare stalk discovered on a Vermont hillside. Sweet-scented double nasturtiums are the offspring of one such nasturtium found by the Bodger family in a Mexican woman's garden in Del Monte, California. Almost every flower in your garden is the descendant of a "break," a natural mutation, somewhere, sometime.

Makes Hybrids Fertile

The giant marigold is a man-made mutation. Thanks to colchicine, what happens in Nature by accident about once in 900,000 times, can be made to happen in the greenhouse about once in nine times. And thanks to colchicine, plants so distantly related that they once produced only sterile curiosities can now be mated to found a permanent hybrid line.

Every living thing is composed of minute cells. Each cell, whether it be a cell in your brain or a cell in the giant marigold's stalk, contains a number of "chromosomes." These tiny objects, which look like threads when seen thru the microscope, have strung on them like beads the mysterious "genes" that determine character and pass the traits, the size, the color of eye or petal, the thickness of hair or foliage, from one generation to the next. Little is known about the "genes." But the chromosomes are visible, and can be counted thru the microscope. The number of chromosomes, in each cell of each individual of a given species of animal or plant, is exactly the same. Every cell in every cornstalk has 20 chromosomes. Every cell in your body or mine has 48.

What Colchicine Does

What makes living things grow is cleavage of the cells: an old cell divides to make two new ones. When this happens, each of the threadlike chromosomes splits in two, forming two new sets of chromosomes, one of which goes to each new cell. So the number of chromosomes in the new cells always remains the same.

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But once in a long while there is a mysterious accident: the chromosomes split, yet the cell doesn't. Then we have in a cell twice the normal number of chromosomes. If a seedling plant with this double ration of chromosomes lives and grows, it will in some ways be quite unlike the other plants of its race. It passes these peculiarities on to its descendants.

Colchicine has the power to produce this doubling of the chromosomes. It keeps the cell from splitting while allowing the chromosomes to do so. Other means have been used to achieve this doubling—heat, aging of the seeds, X-ray, various chemicals—but none is as effective as colchicine.

How It's Used

Colchicine began its career as a drug for treatment of the gout. It is a strong poison, extracted from the roots of *Colchicum autumnale*, the innocent-looking meadow-saffron, or autumn crocus. In weak solutions it is sprayed onto the bud tips of growing plants with an atomizer. Sometimes cotton wool soaked in colchicine is wrapped round the plant, sometimes colchicine in paste form is smeared on the stems. Most often, perhaps, seeds are soaked or dipped in it. The first visible results on plants are frequently discouraging: the stalks swell, the plant's growth is stunted, the leaves are rough and thick. But if the microscope shows a doubling of the chromosomes, the botanist is satisfied, for he knows that he has created a mutation.

Like so many important discoveries, artificial chromosome doubling was hit upon by accident. Ten years ago an obscure Bulgarian plant breeder, Doncho Kostoff, found aphids infesting the eggplant and tobacco in his greenhouse. He sprayed them heavily with nicotine sulphate. To his astonishment, the offspring of the fumigation were almost all abnormal plants. Kostoff's curiosity was at once aroused. Studying the cells of the mutations under the microscope, he discovered that all the chromosome counts had increased, usually to double the former number. Among the geneticists in other countries who followed his lead were Dr. R. R. Nebel and his wife, Dr. Mabel Ruttle Nebel, of the Geneva Experiment Station in New York. At first with other alkaloids, later with the far more reliable colchicine, they doubled chromosomes and made new plants out of some of the old stand-bys.

Strange Flowers Produced

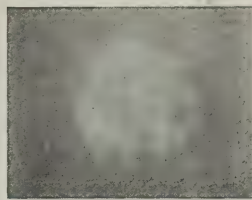
Inspired by their work, others are breeding many odd flowers. One seed grower will show you a small Moonbeam Petunia which after colchicine treatment turned into a Grandiflora with huge leaves and flowers. Beside it is another petunia of a new dwarf variety, intense in color. A snapdragon, instead of growing blossoms on spikes after the normal manner of snapdragons, produced flowers irregularly above the leaves all along the stalk. An inch has been added to the blossoms of zinnias. A new large, orange, double-chromosome cosmos blo-

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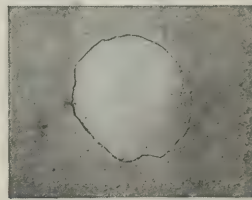


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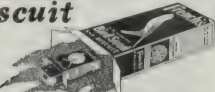
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Nature Gets the Speed-Up

[Continued from preceding page]

soms three weeks ahead of normal—a great improvement, for ordinary cosmos often waits until Jack Frost is just around the corner before bursting into bloom.

Nasturtium seeds, after a colchicine bath, grew up into plants with thick stems and a single leaf. They looked like green mushrooms—and they never had a chance to look like anything else, for they soon stopped growing, wilted, and died. Botanists are trying to find out why the chromosome changes induced by colchicine sometimes result in vigorous new varieties, sometimes in flat failure, such as in Sweet Peas and cornflower. In the case of some plants, the explanation for this refusal to mutate seems to be that they are already descendants of some double-chromosome "sport" of long ago, and therefore cannot easily be doubled again.

Forecast of Future

Plant breeders hope that successes will in time far outweigh failures. They can imagine a day when annuals will be turned into perennials, when new species will multiply and replenish the earth, when plant "engineers" will build varieties never dreamed of by Nature. Others, more cautious, are making no promises until thousands of their colchicine-treated plants have been examined by a corps of experts with microscopes, or until several generations have bred true.

Research scientists hold their imaginations on a strong, short leash, and it is difficult to start them speculating about what colchicine may do for our food and textile crops. But they are working at the problem as only people do who see the possibility of far-reaching changes and improvements. A half inch added to the length of a cotton fiber looks like nothing beside a giant, double-chromosome marigold, but can be of great importance to the South. Working with colchicine on tobacco and other crops, Department of Agriculture experts already report promising first steps. And interesting experiments are in progress with sugar beets, berries, peaches, wheat, and forage grass.

For Animals? Perhaps

Can colchicine, or some other chemical based on the same principle, do for animals what has already been done for plants? Is there a possibility of breeding new varieties of animal from sperms or eggs whose chromosomes have been artificially doubled? The true scientist doesn't like to be asked such questions. He is afraid there will be articles in the Sunday papers, written by people like me and read by people like you, about "the wonderful new poison" (colchicine isn't new, and not always a poison or it would kill the plants) which will enable us to cross mice with lice, and rats with cats, and Goebbels with the daughter of Gargantua the Great, of the circus.



"Hooray" said the lettuce to the tomato "we're headed

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"Right" said the tomato, "see, she's

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As a matter of fact, a start toward applying colchicine to animal chromosomes has already been made. In the case of frogs' eggs, it didn't work. But in Cambridge, England, the fertilized ova of rabbits were treated with heat, alcohol, ether, or colchicine and as a result their chromosomes were doubled. The embryos failed to develop.

The power of this new means of speeding up Nature's processes has been proved, and there are enough successful applications to justify calling it one of science's most remarkable and promising developments.

Warning

Colchicine is a dangerous drug. Amateurs should use it with extreme caution; or preferably not at all. Wear rubber gloves; don't let it touch the skin. In open cuts it's likely to cause development of proud flesh and prevent healing. Vivisectionists use it to develop cancer on rats. One scientist got it in his eye, was nearly blinded.

Light Without Sight

[Begins on page 95]

needed light, it's easy to install glass blocks, and cheerful daylight isn't sacrificed.

Large areas of glass blocks also make ideal picture frames for various decorative details.

Keep in mind, however, that glass blocks aren't intended to replace all windows, nor even the majority of them. You should think of them principally to give you added light in the house where there is a crying need for it.

KEEP in mind, too, that most glass blocks aren't intended to bear much of a structural load, tho they will carry themselves pretty well as a curtain wall. Unless the blocks are of special heat-resisting type, they will soften or crack in a fire.

More and more home-builders have seen the light and are using the material in bathroom walls. Again, it lets in the light without revealing the interior—but another happy thought here is that it doesn't let in drafts and dust and dirt, and therefore is more ideally suited to installation over the tub.

For interior partitions, glass blocks often serve to let light thru from a bright room into a dark room. You can even consider installation of slender metal brackets in the joints, to provide shelves along such areas.

Of course, there are many decorative uses where light isn't the first consideration. One architect we know likes to use it around fireplaces, where it can catch and reflect the soft lights of the glowing fire.

INCIDENTALLY, one manufacturer now makes glass blocks that, thru prism construction, refract sun's rays, directing light to the ceiling where it's diffused—reducing glare and distributing light farther back in the room.

The uses of glass blocks are really myriad. You have only to let your ingenuity and imagination lead you.

\$10 Cured Our Dining-Room

[Begins on page 92]

home-scalloped inclosure, sawed from a 6-inch-wide board. A thin wood backing in line with the wall left the cupboard 8 inches deep, shut off the opening to the kitchen. Doors were cut in the waste space below, hinged and latched, then a shelf and another false back inserted. "H" hinges were expensive, so cheap ones were used, then two metal plates an inch longer than each hinge were fastened on either side. These we painted flat black, the cupboard soft ivory, its interior salmon coral.

Atrocious Fixture—Revamped for \$2. We unbolted the side lamps from the rim that held the globe. Three of the holes we filled with ornamental bolts from our scrap-box, the fourth with a three-way switch. We used the same globe, but removed the metal cover to the rim, letting the light flood the ceiling. We bought a parchment floor-lamp shade with its top slightly larger than the globe. A thin band of tin was fitted inside the shade, its four brackets bolted invisibly to the rim, holding the shade in place. We changed the old socket for a three-way one, screwed in a 50-100-150 watt bulb, and added two links to the chain to bring the switch on the rim within easy reach. Then we lacquered the whole unit a cinnamon brown and it became a decorative feature.

Walls Re-serviced—Ceiling "Lowered" New but inexpensive paper gave us soft blue walls with a white-leaf pattern, creamy white with silver stars for the ceiling. By bringing the stars down the walls 8 inches, then adding a blue-and-white border, we did away with that sensation of too much height and completed our room—a perfect setting for Early-American treasures.

Breakfast (In a City Hotel)

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Thru an open kitchen window
Fifteen hundred miles away
The Dakota sun is shining
Honeysuckle vines a-twining
In the morning breezes' sway.

There's a mist across the menu—
Let me leave this alien place,
I am homesick for a cozy
Prairie kitchen and a posy
In a little crystal vase.

—Mabel K. Richardson

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ROSY RHUBARB PIE

- | | |
|-------------------------------------|--------------------------|
| 1 3/4 cups sugar | 4 cups pink rhubarb, cut |
| 3 tablespoons quick-cooking tapioca | 1 recipe Spry Pie Crust |
| 2 teaspoons grated orange rind | 1 tablespoon butter |

Mix sugar, tapioca, orange rind, and rhubarb (unpeeled). Let stand while pastry is being made. Roll 1/2 of dough 3/4-inch thick and line a 9-inch pie plate. Fill pie shell with rhubarb and dot with butter.

Roll remaining half of dough and cut into narrow strips. Place strips on top of filling to make attractive open top. Moisten edge of pie, place strip of dough around rim to hold strips in place. Pinch into a fluted rim or press together with tines of fork. Brush strips with milk and sprinkle generously with sugar. Bake in hot oven (425° F.) 50 to 60 minutes. You'll be delighted how tender and flaky Spry pastry is—and so digestible. Spry cakes are a real treat, too. And what crispy, digestible fried foods Spry gives!

SPRY PIE CRUST

- | | |
|-------------------------------------|----------------------------------|
| 2 1/4 cups sifted all-purpose flour | 1/4 cup Spry |
| 1 teaspoon salt | 3 tablespoons cold water (about) |
- Sift flour and salt together. Add 1/2 of Spry and cut in until mixture is as fine as meal. This makes pastry tender. Add remaining Spry and continue cutting until particles are size of navy bean. This makes pastry flaky. Sprinkle water gradually over mixture. With a fork, work lightly into a dough. Add just enough water to moisten.

(All measurements in these recipes are level)

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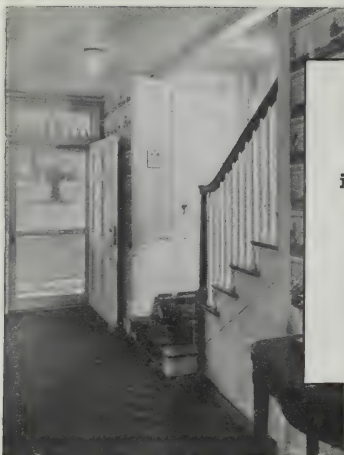
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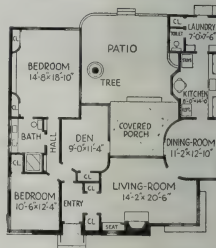
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Three Wings

A noble experiment in wrapping



Floor Plan

By John Davison

I KNOW one home-builder who said "Phf-f-t-t" to the old saying about its not being possible to have your cake and eat it, too.

You've probably run into the same thing yourself, if you've been thinking of building and done any lot-hunting. You find a lovely, fairly level spot, covered with big, shade-lush trees. Then when you start mentally to locate the house, you find that either you've got to squeeze the house down to garage size or cut some of those precious trees.

The fellow I know had already purchased a lot—with two lovely eucalyptus trees growing just where the house should stand. He couldn't bear to cut the trees. They were one of the reasons he'd bought the lot. So what did he do? He built the house right around them!

SO YOU could title this little commentary "Three Wings Around Some Trees" as easily as John Normile, *Better Homes & Gardens* Architect-Editor, slapped on the tag "Three Wings on a Garden." (Actually, if you want to be technical, it should be "Three Wings Around a Patio.")

But by any name, it's a sweet idea, even tho there may be nothing orthodox or nothing conventional about the plan, like those little Cape Cod jobs that all have four walls, white faces, dark eyes, green eyeshades, and two dormers breaking up a box-like appearance. Nevertheless you've got to admit the

man has got something here. For one thing, he's got a den, a whole wing and porch a good many steps removed from the clutter and the chatter of the kitchen. The den is practically isolated, in fact—like being across the street from the kitchen.

The owner happens to be a North Hollywood, California, builder and real-estate man, H. Allan Wright, whose favorite pastimes are designing houses and playing polo. While he can't give a horse a very good workout in the den, it does offer peace for the planning. Don't let anyone tell you differently—he planned it that way!

However, the den, with its Japanese grasscloth-covered walls and handy closet, can pinch-hit as guest room—and right now, I hear, it's doing almost full-time yeoman service as a music room for a young hopeful. Versatility is a wonderful thing.

BESIDES saving the trees, tho, building the house on a race-track plan paid off in two other ways—an air of spaciousness out of all proportion to the size (1,700 square ft.) was attained, and not at all least, the family benefited by the added outside exposure for every room, what with all of California's sunshine, mountain views, and such to enjoy.

on a Garden

a house around a tree

With only a 60-foot lot, and with both a 5-foot side-yard restriction and a 9-foot driveway to consider, a really ingenious builder out in California turned up with this good-looking dwelling

Quite as modern as exquisite is the big living-room with its unusually effective curved corners. Two sides of it are pictured here. The color note thruout the house is predominantly beige, with green accent notes



Here's one of the trees and the gardenized patio around which the house was built. Overlooking this choice spot, and the hills to the south, is the well-planned breakfast nook (inside the little bay, left). Not shown in any of the photographs, but quite interesting, is a 7 x 12 playhouse adjoining the garage. It has been of inestimable value, the owner says, in keeping gadgets and toys and the like out from underfoot in the house proper

Way back where the garage is—in fact, right up against it—is the youngster's playhouse. That's well enough isolated, too, and it does help to keep toys from underfoot.

On the patio side of the kitchen is the novel little alcove embracing the breakfast nook, where the family

can look out the window to the south and digest some mountain scenery with the corn flakes.

EVEN forgetting the novel plan, the house is pretty swell all the way thru. It has some very comely rooms. Take a look again at the pictures.

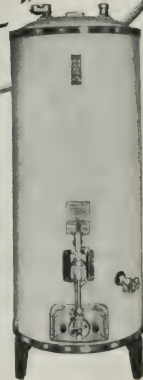


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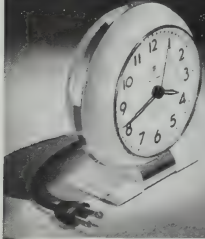
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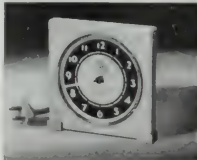


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Ice-Cream Toppings

WHETHER you call them sirups, or sauces, or toppings, or just sweet gooeey, they add up to about the same palatable result—these toppings recipes we discuss with one another next month in *Cook's Round Table*. And right along with them go salad bowls—or maybe we should say bowl-salads. Anyhow, they're the kind of salad that men such as Elmer Peterson and William Allen White and Judge Bollinger like to write about—and other men like to eat.

Also in the next issue of *BH&G*—SO Good Meals features outdoor meals.

More Joy From Your Silver

[Begins on page 49]

the right way is easy. Follow the polish lines the manufacturer has already established. Whether you're using a polishing cloth or silver polish, rub flatware briskly but gently *lengthwise*, hollowware containers in full *horizontal* circles around, and trays *lengthwise*. Polishing in small circular dabs, without any final rubbing in one direction, robs silver of its even luster.

THERE'S a right way to wash silver, too. When it comes from the table, put it in hot, soapy water and wash immediately. The fewer pieces in the pan at a time, the less danger of scratching. Rinse in clear hot water. Silver dried out of soapy water will tarnish more quickly than well-rinsed silver. Wipe thoroughly dry at once with a soft, clean cloth. If there's no tarnish (and with frequent use, there'll probably be little, if any) put the pieces away in your tarnish-preventing chest. After any polishing, wash well in soap suds, rinse, and wipe dry before storing in the chest.

You do have a tarnish-proof chest, don't you? Probably you got one with your set of silver. If not, better agitate for one for your birthday. They're great things. It's smartest to house *all* your silver there between uses, but at least keep there the "minor pieces" not used every day. Silver stored in a modern tarnish-proof chest and returned to it soon after using practically never requires polishing to remove tarnish. The box, you see, is made of materials containing no tarnishing sulphur compounds, and it's airtight to exclude sulphur-laden air.

IF CERTAIN foods have produced tarnish, there's no need to get out the silver polish, rummage for the softest cloth, and set aside several hours for the job. Provide yourself with any one of the many good polishing cloths specifically recommended for silver. Cloths for brass, aluminum, and such may have coarse abrasives not suitable for silver. When necessary use silver pol-

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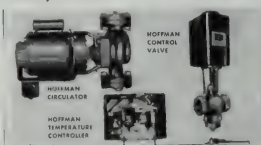


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This system maintains a continuous circulation of heated water to the radiators. Balanced, Dual Controls, actuated by *outdoor* as well as circulating water temperatures, measure out hot water from the boiler so accurately that radiators are always *just hot enough!* Your home is thus kept at an even, constant temperature throughout the heating season.

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ish. Just be sure it's fine and velvet-smooth without any coarse, gritty abrasives, and you're all set.

THERE is another method of silver-cleaning you've probably heard about or even tried. This is chemical cleaning—putting your silver in an aluminum pan containing a solution of boiling water, salt, and soda; or placing the silver in a pan of water containing a small aluminum plate. There's no doubt about it, the chemical method will remove tarnish—pronto. But in time it will take along with it the deep color and satiny "aging" tone of the metal, leaving it dull and lifeless. Even more serious, it may fade or remove entirely the artificial tarnish that outlines the decorative details in ornamental patterns, leaving it flat and uninteresting. If you do use the chemical method recommended for only the very plainest patterns or when silver has become blue-black with tarnish, always follow it with a rub-down with silver polish. But when a good silver polish or polishing cloth will do the job perfectly and safely alone, why add an extra and not-too-reliable operation? And while we're on the subject of ornamental tarnish, don't you try to remove it with polish. Like a dash of rouge or powder, it's part of the make-up that adds to the beauty of the piece.

ALL these pleas to use, wash, and polish flatware apply, of course, to hollowware and to all those decorative and useful pieces not kept in a tarnish-discouraging chest. Treat your silver as you do your living-room. Use it constantly and clean it frequently. It's no attic to be left for semi-annual housecleaning. That makes a real chore of it. Let its handsomeness be a continual pleasure to you and a delight to your friends.

What causes tarnish, anyway? Sulphur and its compounds. They're present in air that smells "gassy." There's more in the winter from city smoke. Coal contains sulphur compounds. So does rubber. So do egg yolks and foods rich in egg.

Some of these tarnish-makers can be avoided without difficulty. A few don't: Don't handle polished silver when your hands are perspiring freely. Don't put your silver on a rubber mat on the drainboard of your sink. Don't wrap a convenient rubber band around the flannel rolls or tissue paper containing silver. Flannel rolls, by the way, do very little to prevent tarnishing, since air, with any sulphur compounds it may contain, circulates freely thru them. Don't keep pencils with rubber erasers in the silver drawer.

SALT is another enemy of silver. Instead of leaving the familiar sulphur tarnish film, it's corrosive and actually etches the surface of the silver, a very difficult matter to polish smooth. Don't keep salt shakers in the same drawer with silver if there is any possibility of spilled grains sitting into silver rolls or boxes.

As to tarnish-inducing foods, just see that the pieces exposed are properly washed (and if necessary, polished) as soon as possible after using.



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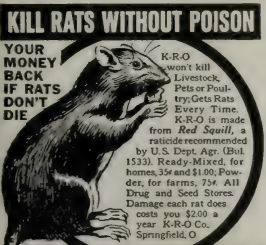


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A word about lacquer. Candlesticks and centerpieces are more often than not lacquered at the factory to keep them from tarnishing. Lacquer is a thin film brushed on the piece. If you've a lacquered article, a sticker on the bottom of it will say so. So long as the lacquer is intact, you never have to polish the piece. Just dust it and go over it now and then with a damp cloth. If some day the piece looks as tho the plate were slowly departing from it, don't worry. Lacquer doesn't last forever, and it's probably peeling. Dip the entire piece in boiling water and the lacquer will peel off in strips that look like unglazed Cellophane. Then treat the piece as you do the rest of

Oneida, Ltd. Community



A final rubbing in one direction is always important. Use lengthwise strokes when you polish your trays

your silver, or take it to a jeweler or department store with a fine silver department and it will be sent back to the factory for re-lacquering.

NO MATTER where you start in this essential business of keeping silver radiant, it all seems to shift around to that simple trio: use, polish, use. That's lucky, for what's the sense of having luxurious things if you can't have fun with them?

I have never heard of a real, dyed-in-the-wool miser who hoarded silver. Gold is the miser's metal. He counts it stealthily at night and gloats over each shining piece. If he ever attempted to garner and conceal silver in any shape, tarnish would soon reform him. For silver, like all beautiful things, was made to cherish in public, where it can be enjoyed by everybody.

Co-operating With Better Homes & Gardens: Silver Water Pitcher, Community Plate, Georgian Design, Oneida, Ltd.; Flatware, Heirloom Plate, Grenoble Pattern, Oneida, Ltd.; Bread or Roll Tray, Community Plate, Coronation Pattern, Oneida, Ltd.

South vs. North

NO, NOT another war, nor even a Bowl football classic. Only an illustrated feature on down-to-earth landscaping—a Birdcost house, landscaped once for the North, and again for the South—pointing out, incidentally, how landscaping problems differ in the two sections. When? Next Month!

Avoid Harsh Laxatives

TRY LEMON and SODA TO AID "REGULARITY"



If you feel you need a laxative, first try lemon-and-soda. For most people it proves amply effective.

First thing upon arising or just before retiring: 1. Squeeze juice of a Sunkist Lemon in a tall glass half full of water. 2. Put half teaspoonful of baking soda (bicarbonate) in another glass. 3. Pour back and forth, and drink as foaming subsides.

Or you may prefer just the juice of a lemon in a full glass of water. Either drink gently aids elimina-



tion, helps maintain normal alkalinity and gives added vitamin C protection.

Try it for ten days. See if you do not benefit when you make it your "regular" rule.

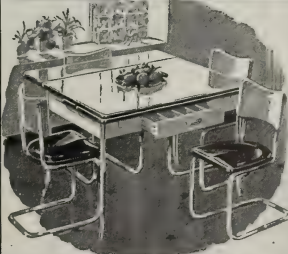
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REG. U. S. PAT. OFF.

NEXT DOOR

When the 6-year-old was an infant I taught him to punch me in the nose as hard as he could. Now I've had to buy him a punching bag to wean him away from that habit.

Well, we finally found the missing croquet mallet when the last big snowdrift near the driveway melted. But the tire-pump and the key to the roller skates are still lost, as usual.

"I can always tell when the fly season begins," muses Phyllis Gowan, "because that's when the kids like to linger in the doorway with the screen ajar."

There was a golden wedding celebration across the street the other day, and no one got such a thrill out of it as the old couple's daughter who has been divorced three times.

For genuine eloquence in rallying the children to do their chores around the house, no one can match a father who was an expert at ducking chores in his own boyhood. He's ready for all the ingenious alibis.

Some of the young wives in the neighborhood have formed a sort of united front against the young widow around the corner who, they say, acts as if she were the first woman to discover sex.

So far the champion glow-of-pride I've enjoyed as a father was probably when I pitched one to the 6-year-old and he batted the ball over my head.

But it's a little disconcerting to discover that one's 8-year-old daughter seems to have more native talent as a ball-player than one's son and prefers a catcher's mitt to a new doll. These modern girls!

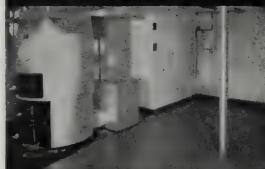
"So far as I can see," philosophizes Les Gowan, "a well-bred girl knows one way to solve any problem—by spending more money on it than her husband can afford."

And now in the springtime we must face again that eternal triangle—whether to upholster the daven-

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port anew, or get a slip-cover, or "save money in the long run by purchasing a new one." Ten to one it will survive intact in its ancient grandeur.

Perhaps the worst fault of the young men in our town is that they don't pay much attention to the girls in the neighborhood until some outsider from a distant town suddenly discovers their charms.

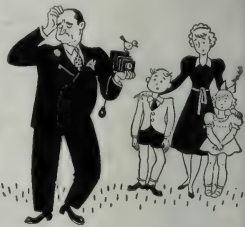
At the time our newest infant arrived it suddenly dawned on me that on the children's birthdays it's their mother who really deserves birthday presents. From now on in this family it's the b. w. who'll share the limelight on all natal days.

Candor, of course, is a fine trait, but I think my neighbor around the corner is overdoing it when he hangs in his guest room a quaint little motto which reads:

"Guests and fish begin to smell after three days."

Well, we've just about decided to splurge on one of those miniature pianos, but unless some member of the family shows signs of going musical suddenly, we'll wait until they're selling miniature player pianos.

So far as I can observe, the face that fascinates our new baby the most is his own reflection in the mirror. He's apparently headed either for the stage or politics.



A mastermind at the office—
but not much shakes at posing

Our neighbor across the street is a mastermind at his office, but when he grabs his camera and marches his family into the yard for pictures, he can't for the life of him think of a new way to pose 'em.

Most of the wives in our neighborhood who have big diamond engagement rings, it seems, either got them ten years after they were married or else had 'em made from father-in-law's old stickpin.

Some of the girls in our block wouldn't go in for such extreme dieting if they were forced to appear in a bathing suit occasionally. A complete woman should weigh two pounds to the inch.

You won't believe this, of course; but it's likely, when you're 30 years older, that these years now galloping past will seem as homey, simple, and enchanted as the years



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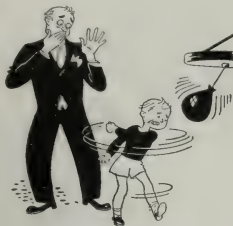
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1900-1910 now seem to people of 50 or 60 or 70. Don't worry these years away!

At last I realized what the orators mean by the breakdown of modern civilization—when the oil company let the furnace tank go dry during the last cold spell of the winter, and we all had to huddle around the fireplace.

The other day I was forced to backslide from being a modern father and administer a mild spanking in the interests of family harmony. (In fact, the b. w. insisted.) In 10 minutes the 6-year-old was in my den.

"Listen, Daddy," he said, "in a few years I and my new baby brother will be able to lick the tar out of you!"



"I had to buy him a punching bag to wear him."

What gives some of the parents in our circle such high blood pressure about their children is the baseless fear that they'll behave at 18 as they do at 8.

Most of the men I know prefer the kind of clothes they wore in college, and most of the women prefer the mannerisms of the actress who was their idol when they were 17.

A jolly disposition and a kind heart do more for a homely woman than cosmetics. Men forget completely that she's homely. . . . But cosmetics help a little, maybe.

People have traits you'd never suspect. . . . The dignified chap in the big Colonial house makes his family learn one word in three different languages at breakfast each morning, and after dinner reads 'em 16 lines of poetry each evening.

An added virtue of radio entertainment is that sometimes it's as much fun to turn the machine off as it is to turn it on.

Among the last eight couples we know who have been divorced, there was a total of three children all told, or three-eighths of a child per marriage. Otherwise they were mighty lovable people, all of 'em.

Alas, a son never really understands his father until he himself is past 30 and has a son of his own to contend with.

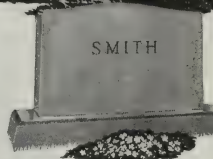
—HARLAN MILLER



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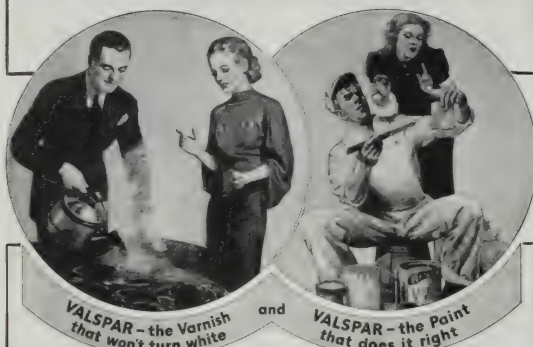
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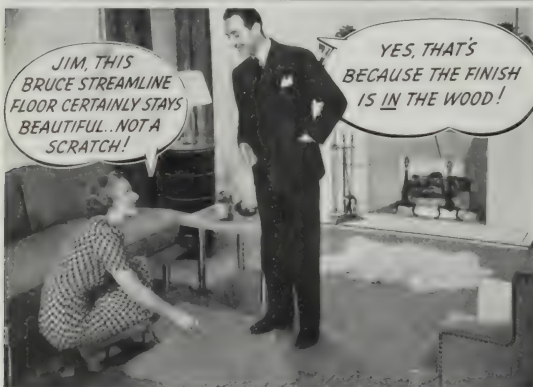


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ALONG THE GARDEN PATH

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EDITORS EXCHANGE TIPS

Saucer in Hanging Basket

TO PREVENT HANGING BASKETS from drying too fast, place a pottery saucer in the bottom of the basket after the moss and before earth is put in. Saucers thus placed hold moisture to last several days, and can't be seen.—Mrs. William Melvin, S. C.



Bird-Lovers—Note

IN THE FEBRUARY NUMBER someone said, "Wire soap trays fastened to trees make good holders for suet." I earnestly request that these wire containers be dipped in paraffin before using. When a bird's moist eye comes in contact with the cold wire, it instantly freezes on, and is torn out when the bird tries to free itself.—Eleanor T. Perkins, Conn.

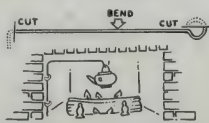
SOME PEOPLE ADVISE making bird-houses of coffee cans. This may be fine, but if the sun hits this tin house, the intense heat often ruins the eggs, and even if they hatch, may burn young birds. Put your hand on metal that's been in the hot sun some time.—Hallie Philips, Ohio.

Do Lilacs Need Pruning?

LILACS, LIKE OTHER flowering shrubs, need pruning, and the simplest way to do it is to cut long stems or branches for the house, being careful not to destroy the shape of the bush. Feed lilacs a generous amount of lime and bonemeal in the fall and a complete plant food in the spring.—Mrs. F. N. Graber, Ia.

Crane From Poker

I MADE A CRANE for my outdoor fireplace from an old poker. I cut off the bent end and half of the handle to form a hook, then bent the straight part at a right angle. I embedded two large screw eyes in the bricks with equal parts of cement and fireclay. Now my crane swings around and holds various cooking pots.—Henry Jennings, N. Y.



Okra for Screening Hedge

I'VE SPENT LOTS OF TIME on my yard, but back of my place were some tall weeds the neighbors wouldn't cut, so I planted okra along the side of

my yard where the weeds grew. Now I have okra to eat and it's thick enough to shade out the weeds.—R. H. Bender, Okla.
Okra has a yellow blossom and long seed pods which are used for soup when young and tender.—Editor.

Gladiolus Increase

TO MAINTAIN MY STOCK of gladiolus, I save all the bulbets, soak them in water several days, then sow them 2 inches deep in rows 10 inches apart. Mulched with peatmoss after germination, these make nice young bulbs by fall.—Paul F. Grove, Ill.

Sweet-Pea Training

WE'VE A GOOD DEVICE for Sweet-Pea training. We laid a 2-by-4-inch plank on the ground between two rows of flowers. Along the edges of the plank, at 4-inch intervals, we drove nails. Directly overhead on the wall of our garage we drove an other row. Then we looped string between the nails as shown. The plank keeps the soil between the rows moist and can be removed quickly and stored for next year.—Mrs. Anna R. Lingenbrink, Wash.



Carrots and Poppies

ALONG THE EDGE of my kitchen garden I plant two or three rows of carrots, then in front of them two rows of light- and dark-red poppy seed. The wind-blown poppies with a background of fernlike leaves make a beautiful sight, to say nothing about the goodness of the carrots.—Charlotte Newton, Ohio.

Five Points on Hardy Azaleas

(1) PLANT THEM in PEATY SOIL or light loam, which must be acid. (2) Choose a partially sunny spot. (3) Never prune nor cut. (4) Never spade around the roots. (5) No other care except for a winter mulch around the roots.—Naomi Swett-Gray, Wash.

Reds Help Mrs. Henn

TO GET MY GARDEN READY for seeds after it's plowed, I fix up a good-sized crate, without a bottom, on the plot to be prepared. Then I put a couple of my Red Hens in it. They scratch like fury. Each day I put new Reds in this crate, and I move it several times a day. In a week my soil is ready, with little labor.—Mrs. Albert Henn, Wis. [Turn to page 127]

THE Question Before the House

WED. 1. A. P.M. 1940.

A department of answers to building, remodeling, and home-maintenance questions you've asked us

By J. F. Carter

Rusty Water

Even tho brass piping was used when we built, rusty water has started coming from the faucet, particularly the hot side. What is the cause?—Mrs. Martin Delery, Charleston, W. Va.

The source of hot-water supply, either the boiler or tank, is made of rustable metal. The remedy is to replace with a tank of non-rustable material, such as monel metal.

Insect Screens

What kind of insect screen should be used in a house that might be re-sold quickly?—J. C. Rohmer, Louisville, Ky.

Whether a house is figured as a short- or long-term investment, it deserves screens of bronze or other durable material. Such materials give good service for a satisfactory length of time and, of course, like the use of other quality materials, they add to salable value of a home. This applies particularly to localities exposed to salt air.

Painting Cinder Blocks

The cinder block walls of our new home seem rather rough and difficult to paint. What is a method used for such surfaces?—Philip Kirtley, Pittsburgh, Pa.

You can obtain a product, made of the same basic materials as concrete, and resistant against moisture, alkalies, peeling, and chipping, that serves as filler as well as cover. Mixed with water, the amount of Portland-cement paint in the solution for the first coat is in the proportion of 10 pounds of paint to 4 quarts of water. Applied with a scrub brush to the surface of concrete, cinder, or lightweight aggregate blocks, it will penetrate the rough pores without leaving pinholes. The second coat is put on with a paint brush in the usual manner and with the usual mixture—5 quarts of water to 10 pounds of paint.

Brick-veneer Framing

Our house is to be wood frame and brick veneer. Is there any special design of framing required?—Mrs. J. B. Richardson, New Orleans, La.

Wood frames are of two kinds. The lower-cost and common one is the "Western," in which the studs are but one story long and a girt is placed horizontally at the second floor. This permits undesirable shrinkage. The best framing is "balloon," in which the studs are continuous from foundations to eaves, and shrinkage is at the minimum.



The Tile Manufacturers' Association, Inc.



This is costlier, but shrinkages, which may cause subsequent troubles with brick veneer, are diminished.

Interior-trim Woods

What do you consider the wood giving best results, unquestionably, for interior trim?—H. F. Keeler, Lanesboro, Mass.

You should adhere rather closely to a wood of this description: soft enough to work without splitting; absolutely free of knots and pitch; dried to a degree where it will not shrink nor warp; and of a fine or close grain. Several commercially used woods answer this description. Practically every lumber yard has one or more of them.

Excuse for Murder

A careless plasterer, working on our ceiling, dropped lime on our knotty-pine wainscot, leaving spots. How may we remove these?—Mrs. Frank Renz, Sewell, N. J.

There's a faint possibility that such spots may be removed by applying a very dilute solution of acid

A kitchen and a bathroom illustrate both the versatility and utility in tile. Among the easiest of all floor and wall materials to clean and maintain, ceramic tile is available in many colors and designs, and may serve interesting and decorative uses

—such as a teaspoon of muriatic acid in a pint of water—rubbing it very gently and gingerly over each spot, and washing the acid off in a few minutes. If this doesn't work, nothing will. The wainscot must then be sanded, filled, and stained a little more deeply, mixing the stain with the filler, and rubbing off the filler with excelsior or old cloths immediately after applying.

Green Lumber Comes High

Our practically new home is lined thruout with a plasterboard and then plastered. Why is the plaster cracking and our floors noisy?—Edward Ruh, Dubuque, Iowa.

Similar results are almost invariably seen when framing lumber wasn't dry. Lumber should be dried down to the proper moisture content before being used in construction. Regrettably, green or half-dried lumber is too frequently used. There is practically nothing which can withstand the force of shrinking lumber. Squeaky floors, sticking doors, and such are the result.

You're welcome to all these ideas!

Dress-up suggestions for your home by the Makers of **JOHNSON'S WAX**



Glamour for a "Plain Jane" entrance hall! Door and wainscoting are covered with white leatherette and studded with upholsterer's tacks. Practical? Certainly! Johnson's Wax protects leatherette—makes it easy to keep clean. Woodwork, furniture and floor owe their lovely lustre to Johnson's Wax, too. And how this beauty treatment cuts down dusting and cleaning! The tracks of wet shoes wipe up quickly.

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This room leads a double life! A gay sun porch that bunks an over-night guest. Woodwork is knotty pine—polished with Johnson's Wax. This genuine wax makes wood gleam with mellow richness. It also makes blinds and parchment lampshades practically dustproof. And protects window sills from rain-spitting. Johnson's Wax saves work when used on ornaments, too!*

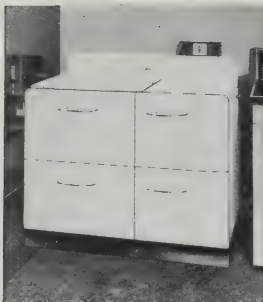
*See 100 uses for Johnson's Wax listed on can.

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"More Dollars and Sense in Home-Planning"

IT MEANS just what it says—this feature promised you for next month—and it's a continuation of the feature begun in the April issue. Every prospective home-builder and every prospective home-modeler will want to read it.

Who Cares About the Weather?

[Begins on page 22]

eral on the first floor, and all in the basement, and turn on the fan. All night long it will discharge into the out-of-doors the hot air accumulated in the attic and on the second floor, replacing it with cool night air sucked in from close to the cooler ground outside. In our neck of the woods, the temperature drops as much as 15 degrees after sundown. Within an hour our bedrooms will be cool enough for a good night's sleep. And next morning, by turning off the fan and shutting the windows again, I can keep the house comparatively cool for hours.

Of course we shall need an opening for the air on its way up. Our attic stairs will do. Otherwise we could cut an opening in the attic floor and fit in a grille. Since we live in the Middlewest and have what is known as a closed or "tight" attic, our fan will go in the outside wall—but Southerners, with their year-round open attics, use a floor installation, with the fan in a vent or suction box over the grille.

Attic Fans

There are so many fans to choose from. Some manufacturers provide the fan alone, leaving you to have the necessary additional apparatus constructed to fit. Another offers a portable fan you can move to other locations if you like, and provides it with a louver to fit into the window or other opening and a canvas connection between it and the louver to assure good exhaustion.

Or you can buy a package unit complete with vent box and either a ceiling grille or an automatic ceiling shutter which opens or closes as the fan starts or stops. Still another unit has extra-quiet twin fans in a compact cabinet made to fit directly over the grille.

Most any of the units come with handy electrical connections and operate with a switch. Or you can provide a time clock to set the fan going and stop it automatically.

Fan Capacities and Costs

Before making my selection, I shall also have to determine the capacity fan required. We really should have a complete change of air every one or two minutes. So I've done some mathematics. By multiplying



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the width times the breadth times the ceiling height of each room we wish to cool, and dividing the total by two, I find we shall need a fan with a capacity of 3,000 CFM—cubic feet per minute to you—or for a once-a-minute air change, 6,000 CFM.

The equipment we need can be installed for around \$150 including the cost of the unit. This price will vary, of course, with complications of installation and capacity. Operating costs will also vary, according to the size of the motor, the amount of time it is on, and the electricity rate. But I'm counting on ours costing less than ten cents a day, or maybe fifteen dollars per summer.

Kitchen and Room Fans

For my kitchen I can buy an exhaust fan that will discharge accumulated heat, steam, and odors for approximately \$25 up, and run it for little more than it costs to operate a 60-watt bulb.

Or I could buy a portable fan and set it in front of a window. For a little more money, I can have a fan already mounted, either in a cabinet designed for installation in a wall opening, or on a metal or glass panel adjustable to a window or transom opening.

There are, truly, many ways to cool rooms with artificial breezes.

Basement Fan Cooling

We could utilize our warm air furnace, for instance. By installing an electric blower, we could send cool air from the basement up into the house, thru the very ducts used for winter heating. Or we could install a window ventilator, and cool by circulating fresh air as well as that already in the house.

Window Ventilators

The window ventilator is a neat cabinet which fits into the open window and forces fresh air out into the room. Many of them permit you to control the amount of air drawn in and to determine its direction. We could have one of these installed for considerably less than \$100, and run it for about fifty cents a month. Most such ventilators also filter the air they circulate. Clean air is an asset all the year round.

In a majority of window ventilators as well as in furnace blowers, air is cleaned by being blown thru a filter made of glass, composition cloth or paper, steel fiber, or a viscous material treated with oil, and so inexpensive that it can be thrown away when dirtied. Note: Make sure your filter is fire-resistant.

Room Coolers

Which brings me to the point beyond which we are no longer merely co-operating with Nature, but are actually taking the offensive against her. And such is a good idea.

So good, in fact, that I may purchase also a room cooler. This is perhaps the smallest and simplest form

Tables indicating fan sizes, etc., are found in the book, "New Ideas for Building Your Home."

HERE ARE All the Answers

GUIDE TO HOME PLANNING

You need this book
**NOW IF YOU ARE
PLANNING TO BUILD!**

The home you plan to build should provide comfortable living quarters for every member of your particular family. If it's worth building at all, it's worth building thoughtfully and well—within the limits of your pocketbook. The book illustrated above, called *Home Owners' Catalogs*, is designed to help you accomplish this result. It contains a new and valuable "Guide to Home Planning" which will help you to estimate precisely the needs of your household, determine the ideal arrangements of family and personal rooms, and select the most suitable materials and equipment for your individual home. Get your free copy of this helpful guide and a wealth of comprehensive information about reliable products made by leading manufacturers—without obligation of any kind. Get it before you proceed with your plans so that your future home will provide for comfortable living, attractive appearance and lasting economy. Remember, it's free—no strings attached—if you comply with the restrictions in the coupon.



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in which you can buy complete air conditioning.

The conditioner I've picked out is a portable unit little larger than a good radio, in a cabinet which will harmonize with our living-room woodwork. It will be installed at a window, plugged into an electric outlet (and possibly connected up to a water supply or filled with ice)—and we're all set for the first hot day. Snap it on and it will draw in fresh air, mingle it with air taken from the room, filter, dehumidify, cool, and circulate it. Controls will permit me to regulate this performance to consist of the exact amount of each I think is good for us. There's even an exhaust control by which I can, within about six minutes after he has left for home, clear the air of the bad cigar smoked by Bill's best friend.

Well-Water Cooling

Room coolers, like central air conditioning systems, may be chosen to utilize the method of cooling and dehumidifying most favorable in your locality. Where well water of 55 degrees or colder is available, it may be used as the refrigerant. In others, ordinary city water may be used to cool, or to wash the air clean. The discharged water may be utilized to sprinkle the lawn!

Cooling Capacity

It's important to check cooling capacity against your individual requirements. A conditioner which might do very well in a small room will be inadequate for a larger room, one with a south exposure, or where many people engage in, say, table tennis. It should have the capacity to keep a room at an ideal 72-degree temperature and 50 percent relative humidity except when outside temperatures are quite high. Then the inside temperature should be about 15 degrees lower than that outside. Room coolers may be bought for less than \$100 up to \$1,000 or more, depending on their capacity. One cooler, adequate for a small bedroom, costs, installed, around \$250. Mine will cost something less than \$400, and can be operated for approximately \$15 per month.

Year-Round Air Conditioning

Some time, of course, I shall have a complete central, year-round system—one which will ventilate, circulate, and clean summer and winter, heat and humidify in winter, and cool and dehumidify in summer. By adding the proper blowers, and cooling and dehumidifying equipment, our present heating plant would do it, except that our ducts are hardly large enough. Twice as much air is handled in summer cooling as in winter heating, it seems—a little more than most existing heating ducts will satisfactorily take. It's best to install new, larger rectangular ducts, which take up less space, really, for they go flat against walls or inside the walls if desired.

Naturally, if we were buying an entirely new heating system, we'd have the provisions for cooling equipment installed right at the time, so that it could be added later—no matter what method we decided upon.

[Turn to page 126]



"How lucky I was to discover Royledge for my kitchen and closet shelves! Just think—patterns inspired by famous interior decorators, in smart new colorings and period designs—at only 5c for 9 feet.

"No other shelving in the world has the patented 'double-edge' that resists curling and wears so well. When I fold down Royledge (no tacks needed), it's there to stay the season through. I simply wipe off the glazed edge with a damp cloth and, presto—it's fresh, clean and firm. Small wonder I'm a Royledge devotee, and all my friends are copying me!"

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YOUR CHOICE OF 60 FAVORITE VARIETIES!
ORDER AS FEW OR AS MANY AS YOU DESIRE AT ONLY 9c EACH!

BUSH ROSES

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Etoile de Hollande (dark red)
E. G. Hill (dazzling red)
Edith Nellie Perkins (copr.)
Editor McFarland (deep pink)
Evelyn K. Farnsick (columb.)
Francis Scott (deep red)
Golden Dawn (bright yellow)
Grass An Teplis (red)
Golden Ophelia (yel. & gold)
Los Angeles (salmon pink)

Los Angeles (satin pink)
 Dr. J. L. Mook (red)
 Victoria (pure white)
 Killarney White (fino white)
 Lady Hillingdon (deep yellow)
 Lucille Rand (carmine)
 Luxembourg (yellow orange)
 Margaret McGredy (orange)
 Olympiad (scarlet, yellow)

CLIMBING ROSES
 Cfb. American Beauty (red)
 Cfb. Crimson Rambler
 (crimson)
 Cfb. Pres. Hoover
 (red, old roid)
 Cfb. Tullamont (red, gold, yellow)
 Cfb. Red Radiance (brist. red)
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Roses

Commemorated in song and story the world over—the subject of poem and ballad through all of the ages—yet never has word been written, never has song been sung that can do full justice to the world's most loved flower—the rose! Add the gorgeous colors and delightful fragrance of roses to the surroundings of your home next spring!

BABY DOLL ROSES

Challinor (bright pink)
(Cecile Brunner (pink, white)
(Golden Salmon (pink, orange)
(Ideal (dark red)
(Lafayette (cherry red)
(Gloria Mundill (orange, scarlet)

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10 DANLIAS
Ten strong, sturdy
giant flowers
lilies in

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9 EVERGREENS

Includes 2 Rhododendron, 1 Scotch Pine, 1 American Holly, 1 Magnolia, 1 Camellia, 1 Japanese Maple, 1 Japanese Barberry

For Only

By Roberta Windsor



IMPATIENT, that's you. You rent your home. You've just built a new home. You've just built a new fence around your old home. You want a quick garden—a quick vine climbing the chimney, a quick hedge, quick shade for the pergola—all things you can enjoy *this* year.

Okay. We'll show you how it can be done with annuals anywhere in the United States.

A Hedge in a Hurry Even on a rented place you can have a hedge—for 20 or 30 cents. That's the price of a couple of packets of kochia seed. Kochia, also called summer-cypress, is a shrubby annual. It grows quickly and luxuriantly, is a lovely green until autumn, when it turns red. It can be kept trimmed with pleasing effect. Or it can be used in place of shrubs. For a flowering hedge use four-o'clocks, with their many-colored flowers.

Fast Shrubs for New Homes If you're impatient to give your new home a lived-in look, you want a foundation planting that will make a quick showing yet not outgrow your house in five years. Impatient people we know have achieved a lived-in effect quickly by using a foundation planting of weigela and of Philadelphus Virginial. The latter grows 7 to 8 feet tall and bears attractive four-petaled, waxy-white flowers with a delightful fragrance. Weigela grows 5 to 6 feet tall and has large pink flowers. Its branches will touch the ground as it grows older. Another quick shrub to use is

Rugosa Rose F. J. Grootendorst.
This is a cross between the rugosa
and the Baby Rambler.

For a lower-growing shrub to be used in front of the tall ones, there's Froebel Spirea, with rose-pink flowers. And then for pleasing effect in fall as well as spring, there's *Cotoneaster acutifolia*, with its dense-growing foliage and jet-black berries.

Sometimes one large shrub purchased from a nursery will take the place of four or five smaller ones. Such large specimen shrubs give an immediate effect. In every locality a certain few shrubs seem to be admirably adapted so that they grow rampantly. Study the plantings of your neighbors and plant what they have found successful.

Where Space Is Scarce If you live in a duplex or where there's no ground space for gardening, let window boxes, urns, and potted plants lead you to garden fun. Plant a window box with Harmony Marigold and Ageratum Blue Perfection. It'll be lovely. Golden Globe and Golden Glean Nasturtiums make attractive window-box and urn plants. Don't scorn the many easy-to-grow and lovely-to-look-at petunias. And remember, potted geraniums or small evergreens potted and set along your terrace give an air of permanence and gaiety to your home.

Renter's Garden Even if you're a renter, you can enjoy a garden. You can get a lovely effect the first year. One family I know planted an annual border around three sides of the backyard. They used early-flowering cosmos, double giant-flowered zinnias, and French Mari-

for People in a Hurry

Is your trellis or fence bare? Then drape it with a quick-growing morning-glory or dutchmans-pipe. Dutchmans-pipe has glossy, heart-shaped leaves 6 to 10 inches across; it thrives in city smoke, in any soil, sun or shade

Below is a quick way to foundation-plant a new or rented home for a dollar to two—using fast-growing petunias and zinnias. Visualize the house with neither the foundation planting nor colorful flower boxes



golds as background and edged the border in front with white Sweet Alyssum. They used castor-beans in the corners because they grow luxuriantly and make a quick shrub effect. Cost was small and the effect beautiful, with plenty of cosmos and zinnias as cutflowers for the house.

Landscaping on \$2 Suppose you rent. Or suppose, when you build your home, you unwisely didn't save any money for foundation planting. How can you get away from that bare look around your place?

This way: plant your foundation with quick-growing annuals. Use such annuals as Guinea Gold and Yellow Supreme Marigolds as tall background plants close to the foundation. In front of these plant scarlet Lilliput Zinnias for brilliant effect. Where you can use a low border, plant the new Celestial Snapdragon interspersed with a few plants of celosia (Feather Cockscomb).

Banish Too-New Look Are you impatient for that mellow look? Then use climbing vines—vines climbing up the walls and chimney. Use Boston-ivy. It's quick. It's the grandest hardy climbing vine in existence for covering places. Its glossy leaves overlap each other, and its long, delicate, young shoots stretch up the walls with free and rapid growth. The tendrils, at nearly every point cling firmly to the smoothest surface of rock or brick.

Quick Pergola Shade Do you want quick and abundant shade for your pergola, for a terrace? Then choose dutchmans-pipe. It's a rapid-growing and vigorous climbing vine which bears brownish flowers shaped

like a miniature pipe. Large, rich, glossy, dark green, heart-shaped leaves, often 6 to 10 inches in diameter, give a tropical foliage effect and produce a splendid shade. It's hardy and adaptable to practically every situation and thrives in any soil, in sun or shade.

Or would you like a lovely flowering vine on your porch or trellis? You might choose the most popular large-flowered Jackman Clematis, with its large, intensely violet flowers. For your trellis, why not Hall's Japanese Honeysuckle? It has white flowers which change to yellow and are very fragrant.

Quick Vines for Screening Maybe you want a hurry-up vine for your fence. Try one of the morning-glories. They climb fast, make a good screen, and after they begin to bloom your fence is a beautiful sight. Even the clothesline post can look lovely if draped with Heavenly Blue Morning-glories.

One of the most rapid vines is the cup-and-saucer-vine, or cobaea. The flowers are bell-shaped, open green, and turn from pink to purple. The leaves have coiled tendrils at their tips which reach out and grasp the supports. In rich soils these vines often grow 25 feet tall.

When unsightly fences and buildings on rented properties cannot be removed, they can be smothered beneath the rapid-growing branches of a kudzu-vine. Well-established plants of this most overpowering climber sometimes grow 50 feet in a season. It is one of the legumes; that is, it manufactures nitrogen and improves the soil. The vines die to the soil in winter but start again from the roots in spring.

A PLACE FOR EVERY GARDEN TOOL ... and every tool in its place



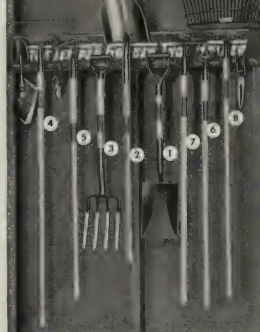
● Fasten this Garden Tool Holder to the wall with four wood screws—it takes only five minutes. Then your garden or tool shed is spic and span—no tools on the floor or standing in corners to get broken, to injure playing children, or damage the car. Made of braced steel plate 48 in. long by 6 in. wide, with hooks to hold twelve or more tools, this holder is painted two coats—will last for years. Hardware stores that sell True Temper Tools can supply it at surprisingly low cost.

Eight Tools that are FIRSTS on Every Gardener's Want List

- No. 1—True Temper Garden Spade—Solid Steel Shank gives double life.
- No. 2—True Temper Taper Forged Shovel—Stronger, lighter—perfect balance—moderate price.
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- No. 8—True Temper Lawn Comb Rake—Flat spring steel teeth won't injure grass.

FREE! If your dealer hasn't yet stocked the Garden Tool Holder, send us this coupon with a dollar bill attached. We will send you one postpaid and include free a copy of the 100-page TRUE TEMPER Garden Book. Address: The Makers of TRUE TEMPER Products, 1922 Keith Bldg., Cleveland, Ohio.

Name _____
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newest design—ask for
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FORKS—RAKES—HOES—SHOVELS—
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DOES NOT KILL GRASS

Easy to apply—can be used over all or in spot-treating individual weeds. \$1.55 in gallon cans at your dealer's.

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Built to give years of service. Hundreds in use. Low factory direct prices. Several models available. 5 H.P. Riding type; also 10 H.P. Walking type in three sizes. Light Power Cultivator now only \$77.50. Write for free illustrated folder.

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Kill them with Red Arrow Garden Spray. It's quick, simple, sure, inexpensive. Kills insects that harm roses, other flowers and shrubs. Also ants in lawns. Safe to humans, birds, pets, when sprayed. 350 bottles makes several gallons. Easy-to-follow directions on label. Buy Red Arrow Garden Spray where you buy garden supplies.

FREE Send post card to McCormick & Co., Baltimore, Md., for Garden Insect Control booklet No. 135.

KILL WEEDS QUICKLY, EASILY!

Black Nemesis Tarni-Gon—100% chemical herbicide—quickly, easily, economically destroys weeds (such as clover, dandelion, etc.) and other undesirable plants. Kills weeds, ferns, mosses, groundnuts, orchards, etc. Use it on lawns, gardens, and anywhere you want to save time and money. 10¢ free trial. Write for free literature and price.

NAUKK MFG. CO.
122 Ninth Street, Brooklyn, New York

200 WHITE ZINC Plant Labels and Weatherproof Pencil pre-paid 51

• EVERLASTING

Length 6 in. name space 3 1/2 in. x 3 in. 2 doz. 20c
EVERLASTING LABEL CO., E. Elm St., Paw Paw, Mich.

ROSE FEDERATION

Hardy climber having semi-double 4 inch sparkling pink blooms. By far the finest pink climber. Each \$1.50

NEW Horvath Viking Roses

Unlike any others. Sturdier. Freer from disease. Larger blooms. Easier to grow. Stand colder weather. Climber, dooryard, and bush kinds. Many are perpetual bloomers.

AN OUTSTANDING CATALOG

All the Horvath and numerous other of the worthiest Roses are in this catalog. It also contains cultural information you can't find in any single book regardless of its cost. Send five 3 cent stamps for it, to cover handling and carrying costs or we will send it 25c express collect.

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AMERICAN AGENTS FOR
Sutton's Seeds
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40th ANNIVERSARY

Eclipse Rocket

The POWER MOWER for EVERY HOME

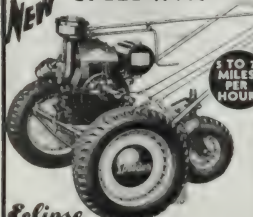


\$17.50 PLEASES THE WHOLE FAMILY FACTORY

now PRACTICAL BEAUTY WITH THIS NEW TROPHY MODEL AMERICA'S FASTEST SELLING POWER LAWN MOWER.

Eclipse motorized Rocket elevates grass cutting into a modern art, bringing recreation and pleasure—a new ease to lawn mowing. You buy it with confidence—own it with pride. Eclipse budget service through dealers.

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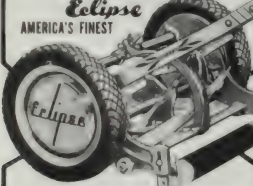


5 TO 7 MILES PER HOUR

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Parkhound 21" cut—\$115.00. Rollaway 25" cut—\$185.00. Rightway 27" cut—\$265.00. Speedway 39" cut—\$335.00. All priced F.O.B. FACTORY. A new thrill of dynamic performance in every model. Demonstrations arranged—write for details.

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* FOR BRILLIANT PERFORMANCE, SUPREME QUALITY AND MAGNIFICENT STYLING.
New trophy model feature: *Finger-tip adjustment *Automatic sharpening—Goodyear puncture-proof valveless pneumatic tires—Silent rubber-covered rollers—Resilient rubber handle grips—Make you next step an Eclipse. Price range \$19.50 and up. Eclipse model illustrated, \$19.50.

Eclipse—Prophetstown, Ill. BH-5
Send information on: Hand Mowers ☐ Rocket Power Mower ☐ Commercial Power Mower.

Name _____
Address _____

Wasted Strategy

By Elizabeth Fowler Draper

Don't ruffle a corner
And call it a den,
My Dear, I prefer,
In the manner of men
(Tho the corner be
Cozy and comfy and snug),
To scatter my ash
On the living-room rug.

Shall We Build?

[Begins on page 15]

again. Rents will rise. Let's take these points up one by one.

Materials Cost Less Now: Lumber and cement and tile and other materials cost less today than they did in the twenties and probably much less than they will in the later forties.

The photograph below shows a house built in a typical middlewestern city. Eighty-four cents today will buy as much of the building material in that house as \$1 would have bought in 1926, or \$1.40 in 1920.

I think there's little chance that building materials will drop in the next few years. They're slightly higher now than six months ago.

Quite probably they'll go up. In 1936 and 1937 general business improved rapidly. This betterment brought about a 12-percent price rise in less than a year. Labor costs increased at the same time. And the cost of building a moderate-sized house jumped more than \$800 in those few months.

General business has been improving since last summer, and this improvement has again started a slight upward price trend for building ma-



This is the home that cost \$4,254 to build in 1914, \$8,006 in 1920, \$6,627 last year

terials. The war in Europe will probably accentuate this rise.

What happened during the last war is interesting. From the beginning of the World War in 1914 to April 1917, when the United States entered, building-material prices increased on the average 65 percent. That was until we entered. In the next three years they increased another 93 percent, or to 218 percent above when the War started.

It wasn't just materials alone. In August 1914, the cost of building

Only the cream cheese made and guaranteed fresh by Kraft is genuine "Philadelphia" Brand Cream Cheese



LOOK FOR THIS BRAND NAME "PHILADELPHIA" ON THE SILVER-FOIL PACKAGE



PHILADELPHIA BRAND PASTEURIZED CREAM CHEESE
KRAFT CHEESE COMPANY
MADE ONLY BY KRAFT

the house on this page was \$4,254. By 1920 it had risen to \$8,006. Last year, after dropping to \$5,053 in the bottom of the depression, it climbed again to \$6,627.

It's hard to say how far the price level may advance in the next few years, but many of the same elements which caused the rise from 1914 to 1920 are again present, with a few extra ones added.

Labor Costs: Labor costs will probably advance in the next few years. Practically no apprentices have been trained during the depression. The only reason a marked shortage of skilled men isn't felt now is that building volume has been below normal. Increased building will make necessary hiring men of lesser skill, with the resulting waste of time and materials.

Lot Prices Now Low: Building sites can be purchased on a very reasonable basis today if you shop. In the twenties, too many subdivisions were laid out. At present there are an estimated 30 million sites, with streets and other utilities in, not yet built upon—enough to rehouse the entire United States; and clearly, only a small percentage of these sites, those most favorably located, will be sold during the next few years. Tax pressure is forcing the owners of much of this ground, some of it favorably located, to seek buyers at the buyer's price—from 60 to 80 percent of the prices during the twenties. A smart shopper may get a real bargain.

Interest Rates Low: Financing costs are lower today than ever before. This probably means more to you than you think. A rise of 1 percent interest on a \$5,000, 20-year building loan will cost you about \$648 more before you're thru.

Today's low rate is partly the result of FHA loan insurance, but more definitely due to the great oversupply of money and credit in our banks, building and loan companies, and other financial institutions. Interest is merely the price of money and follows the same laws of supply and demand all other prices follow. A large supply of anything—grain, cotton, toothpicks, or money—in relation to the demand, results in falling prices; and a demand in excess of the supply results in rising prices.

Until a year ago interest rates were falling. They have stopped falling. Demand for money is starting to increase again. Increased production may bring a sharply increased demand for money, with a rise in mortgage-interest rates.

At present a 20-year FHA-insured loan for as high as 80 percent of the cost of the house and lot can be obtained at 4½ percent interest, plus ½ percent service charge. This has cut the cost of owning a new home until frequently it's little, if any, higher than the rent on less satisfactory quarters.

Rents Are Rising: Renting isn't the way to escape rising home costs. Rents will rise. And the renter will dig deeper and deeper into his pocket each month while the monthly payments

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No tangled lines or make-shift sticks—straight edges are easy with Trim-stik. Simply operated. Adjustable for height.

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WATER LILIES



FREE Booklet shows easy plans to make or perfect Your Water Garden. Gorgeous, natural-color illustrations and descriptions of exotic lilies, lotus, water plants and fish, with Special, Low-Cost Offers. Ask for it—NOW!

GRASSYFORK INC.
348 CASCADE DRIVE MARTINSVILLE, IND. 633 W. RIVER ROAD SADDLE RIVER, N. J.

of the owner will remain fixed at today's level.

Rents rose an average of 8 percent in the principal cities of the United States from 1935 to 1937. Since then they've remained steady, with a tendency in the last few months to start rising again. Radical increases may come in the next few years. The World War shot rents up 68 percent. Tho a similar rise may occur again, the home-owner will still pay his 1940 price.

No one can say how long building costs will remain at their present level. That they will undergo any radical drops in the next few years seems almost impossible; that they'll stay at the present level longer than six months seems uncertain; that they'll rise appreciably seems quite probable.

SO IF you expect to build or remodel in the next few years, or buy a new operative-built home or a home in a good neighborhood which will remain good for many years to come, it would seem wise, if you can, to act in the next six months.

Put Your Garden on the Map

[Begins on page 90]

hobby gardeners forever replacing older varieties with new ones in choice locations. They work for those intent on insuring summer-long color. With them you can easily detect color gaps in your borders; detect them early, too, while there's time to fill them.

It's also satisfying—no end, I find—having a map to refer to all winter when we're anticipating spring and whenever we want to gloat a little over all our new garden possessions. I get to feeling well acquainted with even the strangest new names. After I pored over the map of our private Rose Bowl for just one winter I found that I could say Ville de France (veel-da-franzh) and Gruss an Aachen (groos-on-ahken) without my tongue tripping once! And that makes me feel pretty smart when visitors call out excitedly, as they always do, for the names of those grand and gorgeous roses.

Chrysanthemum slips, new hardy aster plants, new iris, new phlox, new poppies freshly set in place—these, like famous Mike and Ike, "look alike." It's sound psychologically to step up enjoyment of our new possessions by getting acquainted with all little delay and fuss as possible. A good legible map helps here, as nothing else can.

Maps Show Progress: Maps are equally good in showing us how far we've progressed as gardeners. In my first garden record-book I inserted a lovely mosaic—the map of my garden-to-be. Of course it didn't turn out as I dreamed it. My annual chrysanthemums in moist half-shade fell down in a soupy heap. The salpiglossis never had a chance in the shade. And in two years rampant young lilacs, honeysuckle, and snowball bushes were crowding over onto iris, phlox, and daylilies, all of them much too closely spaced.

PRUNE



Prune to improve plants and trees, flower and fruit, contour and landscape harmony. Use Atkins easy-acting tools—the cutting edge that's kind to the tree. There is a complete line to choose from. Ask your hardware dealer.

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with **ATKINS**

No. 22 Curved Size.

PRUNING SHEARS and **Silver Steel**

SAWS

PROTECT YOUR ROSES

From Many Insects and Diseases

TRI-GEN is an amazing spray that helps you to grow better roses. Controls black-spot and mildew; kills many insect pests. Economical, easy to apply—just mix with water and spray. Buy at garden supply stores, or write for free helpful bulletin.

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Rose Garden Spray Treatment
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Milbradt Power Mower

for small and large lawns.



Rolls As It Mows

Cuts close around trees, shrubs, walks. Easy and economical to operate. It's fun compared to hand mowing.

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FREE! Write for Your Copy of "What, When, Where and How to Plant"

Here's an opportunity to buy these outstanding values. Order today:

- ☐ Red Leaf Blackberry 1 to 1 1/2 ft. 3 for 50c.
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Water Wand

TIME SAVER FOR GARDENERS
LIFE SAVER FOR FLOWERS

It's fun to water with Water-Wand. Irrigate your garden quickly—easily—thoroughly. Full volume without force or damage to tender plants. Reach back of deep beds with long 52-in. handle. Weighs one pound, simple, efficient, inexpensive, a lasting investment. The tool you've always wanted. Order yours today, \$2.50 delivered. Satisfaction guaranteed.

SCOFIELD MFG. CO., Box 436 Sta. A, Palo Alto, Calif.

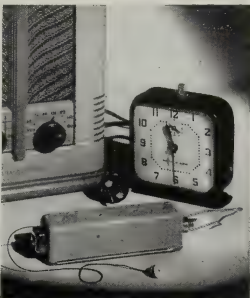
But by then a real revision of the garden map was necessary, for our Cherub had arrived and a sand-pile had to be fitted into the garden plan. This we located in a wide place at the end of the center path in front of a seat where there was afternoon shade—where the salpiglossis had been such a flop. And while the Cherub sat by preference outside this area on his prized young southernwood bushes—they suffered no permanent damage.

Maps Show Dates: Dates are even more important on garden maps than on road maps. Detours never figure much once the new road is in, but discussions and questions as to planting dates are always coming up in a garden-minded family. "How old is this wisteria, anyway? Did we plant the Mrs. Edward Harding Peony before the Flowering Crab went in—or later? Haven't we had our yew hedge three years, or is it four?" Those are the times you want maps with dates on them.

If you must occasionally leave your garden to the care of others, if you break a leg—then you'll know what assurance a map can bring. You'll know with what peace you feel that, with your map in hand, no one is going to fork into your frightfully expensive new "daffies," or gouge—it hurts just to say it—or that one precious bulb of the George C. Creelman Lily you indulged yourself with last fall.

So I say, put your garden on the map, and then forget if you can.

Edwin A. Falk



● **WILY WIDGETS** Set your radio in advance for a favorite program, or to awaken you, by setting this stem-wound clock for the proper hour, its electric cords plugged to radio and wall outlet. Unless you turn off the radio manually, this clock stops it at the end of an hour—great help if you like to drowse to sleep to music. Radio Alarm, \$3. Precision Electric Works, 3402 N. Nagle Ave., Chicago.

► Hang or screw this 5-inch, cream-enamel light in a dark closet and pull cord to light. It has two regulation, replaceable flashlight batteries, needs no wiring; \$1. Daniel Low & Co., Salem, Mass.—A. J. O.

MOTHS WILL NEVER EAT THIS SUIT



YESTERDAY Bill Johnson bought this \$45 suit. When it arrived, Mrs. Johnson immediately sprayed it all over with LARVEX. That took only a few minutes and cost less than a single "pressing"—yet gave Bill's suit the positive LARVEX protection against moth damage that has been used for years by leading woolen mills, laundries and dry-cleaners.

As a result of spraying all their clothes—old and new—once a year with LARVEX, the Johnsons will never find a moth hole.

WHY NOT?

Because moths starve to death rather than eat LARVEXed clothes, sofas, rugs and drapes... and there's no odor, no wrapping, no storing away! Your woollens are protected against moths for an entire year and not even dry-cleaning will impair this sure protection!

And LARVEX is inexpensive—only 79¢ per pint, \$1.19 per quart. So it costs less than a single pressing to mothproof a suit for a whole year with LARVEX. At all drug and department stores. LARVEX, Chrysler Building, New York.

LARVEX IS DIFFERENT...

QUICK!

A few minutes with LARVEX will mothproof a woman's coat for 12 months.

CHEAP!

67¢ worth of LARVEX will mothproof your expensive upholstered chairs.

EASY! The LARVEX sprayer gives a continuous spray—so simple a child can use it.



SURE!

See this spectacular display at your Larvex dealer's. A covered dish showing treated and untreated cloth with live moth worms. Proof right before your eyes that moth worms cannot thrive on Larvexed material!

LARVEX

ONE SPRAYING MOTHPROOFS FOR A WHOLE YEAR

ZOOM

GIVES PLANTS
THE VITAMIN
THEY'RE STARVED FOR!

Makes
Gorgeous GIANT Flowers

ZOOM is the original liquid vitamin B₁ plant growth stimulant—put out by manufacturers of vitamins for the medical profession. It is biologically standardized, is uniformly of proper potency, and guaranteed to retain that potency. ZOOM has been scientifically developed to supply needed vitamin B₁ in proper amount. Most flowers and plants crave it. If your plants are in that class—give ZOOM as recommended—and expect almost miraculous results!

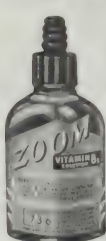


Potted Plants. Pale, languishing house plants, weary of winter, get a new lease on life—with ZOOM.

Cut Flowers. Last 3 to 4 days longer—with ZOOM in the water.

Gardens. Tender seedlings survive transplanting with nary a setback. Plants shoot up, strong and vigorous. Flowers are huge and beautiful beyond a gardener's dream. All with ZOOM.

It's easy to apply! Just 8 drops to a gallon of water, and sprinklings twice a week. Full directions come with dropper-top bottle. Dealers in every state in the union are stocking ZOOM. If your dealer can't supply you yet, simply send \$1 bill, with your name and address, for big 2 oz. bottle of ZOOM. Enough to use for months.



Remember—you can't guess when you feed vitamins to plants! Vitamin B₁ can't produce startling results unless correctly given. Be sure to use ZOOM, with its established formula. Send your \$1 now and be ready for Spring!

NUTRITION

RESEARCH LABORATORIES, Inc.

Horticultural Division, Dept. BH-4
332 S. Michigan Ave., Chicago

The Diary of a Plain Dirt Gardener

[Continued from page 10]

two-pronged weeding hoe and began to dig in that bed, too. Delighted, I turned to editing the next page.

"What is this?" I heard her say, after a few minutes. "I hope I haven't hoed out some flower." She was holding up a clump of *Allium flavum* that I'd grown from seed I'd sent to Switzerland to get. It's a choice flowering member of the botanical onion family, with bright yellow bloom, suited for a rock garden or for tucking in near a border's edge. Luckily, there is another clump farther down in the bed she had missed. Luckily again, she had dug this one out by the roots. So I divided it and reset it in the propagating bed.

May 7 This was a red letter day for Donald. He shook hands with the governor. There was a meeting of newspapermen on the



This bright Sunday everything seemed to pop into bloom

campus and I took Donald along with me. At the noon luncheon, the governor spoke. He's a gardener and reads *Better Homes & Gardens*. In times past he has stopped in to see my garden. But Donald didn't remember that. So after the meeting I introduced Donald, and the governor shook hands with him. Don't be surprised if next thing he wants a larger hat.

May 16 Our local rose club had a lunch meeting downtown this noon to talk over plans for a coming rose show. Well, sir, before it was over, we blamed near had a riot when one of the new members innocently asked somebody else what he sprays his roses with to control black spot. Everybody began to talk at once and I think every blessed one had a different way to do it. I was particularly interested in what Louie Montel had to say.

"I begin early, just as soon as growth has started," he said. "I spray the ground and the bottom of the plant thoroly. As the plant grows larger, I keep on spraying around the bottom and spray upward from the bottom. I don't worry about the upper leaves being spotted with the fungicide, for I don't spray these. If you keep the black spot from getting started on the lower leaves, you'll never have any on the upper leaves."

Well—hardly ever. But that last sentence is a whole sermon on spraying roses.

This afternoon, I turned to the

One Easy Job
CUTS then LIFTS DANDELIONS and PLANTAIN

No Stoopin'!
Digging dandelions is fun, now! You stand erect CUT and LIFT the weed with One Easy Job! Grip-rod automatically releases weed on ground. Or, pulling shaft releases weed into basket. No trigger, thumb or finger movement required. Coll-spring in the hand-grip does the trick. Durable built—spring-steel blade, base and shaft; birch hand-grip. 44 1/2" long. Finish, blue and red.

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Buy from your dealer. Or send post. only \$1.00. Return in 10 days. If not satisfied, your money refunded. SEND NOW!

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LAWN SPRINKLER
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The only sprinkler that sprinkles in squares—gets the corners—no overlapping. Breaks water into a fine mist, covers uniformly and saturates thoroughly. Join the thousands of enthusiastic users who "Square" their lawns.

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3 EXQUISITE VESPER IRIS 30¢
each producing 100 jewel-like flowers. Bloom 3 weeks. These dimes are convenient for mailing. Stamps accepted. Catalog of world's finest iris, free. Jardin Des Iris, Dept. B5, Battle Creek, Mich.



Perfectly Cut

Whether you have a small lawn or an estate of many acres, you'll be amazed how easy it is to cut grass so accurately, so quietly, in a fraction of the time, with Clemson Model C-17 Lawn Machine.

You save time and work because this mower weighs so little, runs so lightly, automatically stays sharp (no grinding delays or expense) and is self-lubricating for life (no more squiring with dippy oil cans or messy greasing). Occasional adjustments are made with accuracy and easy by hand without tools of any kind.

This precision-built Clemson Model C-17 Lawn Machine with beautiful baked-on-enameled finish, chrome fittings, and all-metal rigid handle with cross arm for easy carrying, is thoroughly dependable through its entire long life.

See your nearest dealer or write us.



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MIDDLETOWN, NEW YORK, U.S.A.

Send complete information about the new Clemson Precision Lawn Machine.

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Address _____

north end of a bed where I expect to put in part of my mums. It has already been spaded and raked. Now I hauled there, with some assistance from David and his small barrow, six loads of rich compost soil from the compost pile and spread it over the top. Then two loads of granulated peatmoss went ditto. All was well mixed into the soil with the wheelhoe. Mums like good, rich soil, and especially thrive in peat.

May 18 Forgot to mention last Sunday that the first daylily of the year bloomed—the old light yellow, Apricot. Yesterday the first intermediate iris arrived, late. I sprayed roses today with bordeaux and mixed in some nicotine sulphate for aphids, a few of which are on hand by now. Donald was to help, but actually David pumped the sprayer handle, while Donald bothered around, taking movies of the process.

May 20 Happy day! The new mums ordered have arrived and were planted in the new bed. These included some of the new double Korean hybrids, especially King Midas, the gorgeous yellow that I liked so well when I saw it last fall.

May 21 This bright Sunday was coming-out day in the garden. It began yesterday when Lord Lambourne, the first tall Bearded Iris of the season, showed up, and the first orange bloom was seen on Hemerocallis Dr. Regel. Today everything seemed to pop. The first Oriental Poppy proved to be, as usual, the double Olympia. There was that fine new columbine, *Aquilegia Crimson Star*, in the new perennial bed. Color showed on the first delphiniums.

The first peony arrived, the whitish-pinkish single, *Printemps*. It's apparently a species, tho I don't know much about it. A lot of shrubs are in bloom. The thing I bragged about to visitors isn't out yet, but it won't be long. This is my fine lot of Canterbury-bells that I raised from seed last summer.



"No classes. The boys rallied round, and we went into action"

May 27 Saturday, day when most college teachers have no classes. So my desk work was pushed aside, the boys rallied round, and we went into action. Donald mowed lawn with the power mower. David clipped grass about trees. I cleaned weeds out of shrubbery along border. Then I turned to digging, dividing, and resetting mums, a job that should have been done before had there been rain. Well, it rained today. Three times showers drove us in.

I plant my mums kneeling on a

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FLOWERS

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FLOWERS
AGAINST CERTAIN
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"Black Leaf 40" is surprisingly economical—one ounce makes six gallons of effective spray. Full directions on labels and in leaflets.

Insist on original factory sealed packages for full strength.

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THIS EASY ELECTRIC WAY!

10 TIMES
FASTER!

2 ZIP... and toughest
twigs go down like grass
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A wonderful value! All best colors.
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long board across the bed. Kipling once wrote, "For half a proper gardener's work is done upon his knees." On the board I make marks every twenty-four inches and plant mums by each mark. With a ruler I space the rows 30 inches apart. When I'm finished, the mums are so that they can be cultivated each way with the wheelhoe. I use this same board method for annual seedlings and perennial seedlings and divisions that go in rows.

May 28 Dirt gardeners, friends, and neighbors—I give you the current rose season. It is here. As I hurried around this Sunday morning, I counted 22 different varieties in bloom. There were more irises in bloom, with the peonies hurrying on. The Heavenly Blue Veronica made a contrast against the orange and the yellow of the bold daylilies.

It was just like a family reunion or Old Home Week. Here were these flower friends back to greet me again. I wish they all had hands, so I could shake 'em.

May 30 On this day, when thoughts turn back to those who have gone away on that long, long journey, I walked alone thru the dew of the garden paths this bright morning and was thankful for the peonies. These great flowers are the means whereby folks are keeping the spirit of the day and keeping memories fresh.

Another peony coming into bloom today was the pink Victory Chateau Thierry. In the battle that gives this peony its name, there were boys from my classroom who went over the top, giving the old college yell. But of all the peonies today, the most beautiful was Therese, with great blooms of light pink of indescribable beauty, that had a message all its own.

Great is the rose, beloved by all. For plain garden fun, I admit that I like to work with mums better than any other flower. But peonies come closer to one's soul. They mean more than any other flower that grows. They ask so little. They give so much. They keep coming back, year after year, to renew hope and faith, to soften sorrows, to banish troubles. It's well that today, of all days, they should be in bloom.

EASY GARDENING



EASY gardening is neat and tidy gardening—really. And the satisfaction pay-off is higher, too. We tell you how to do it in next month's *Better Homes & Gardens*.

Vigoro gives dazzling beauty to the "Parade of Roses" AT THE N.Y. WORLD'S FAIR



Eight thousand rose bushes, perfect in form, breath-taking in beauty! The "Parade of Roses" at the New York World's Fair! Representing hundreds of varieties, these gorgeous roses were collected from all over the world by the famous Jackson & Perkins Company, Newark, N. Y. And to assure their maximum growth, most exquisite color and fragrance, they are fed one complete plant food exclusively... Vigoro!



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You who are proud of your lawn—and like to cut it at times—need this new F & N Marathon lawn mower. It cuts your grass so beautifully—so evenly and perfectly—just like you've always wanted! And it rolls so easy a child can push it! This mower is a satisfaction to own, and a thrill to use!

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YOU'LL BE PROUD of its streamlined beauty, its pastel green finish, trimmed in chromium. Extra large air-cushion tires, rubber-covered roller, and big, comfortable handle-grips help make it a pleasure to use. See all these features—and the Marathon's many other advantages before you buy any mower. Never before a lawn mower value like this! Quality buyers won't accept any other! Sold by good lawn mower dealers everywhere.

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**New F & N
Marathon
LAWN MOWER**

See U. S. Pat. Off.

The Leading Value from the Industry's Leader

Reassurance

I never knew the truth about my garden
Until the spring you gently re-appeared,
And then I learned that you had never left me,
And that untrue were all the things I'd feared.
"There is no death," you murmured thru the crocus,
As yellow, purple heads peeped from the snow;
"I never went away at all," you whispered
From tulip cups that made a stately row.
"Dear heart, you never should be lonely!"—
Blue iris bore your words to me, so clear,
"I'm never far away, because I love you,
I couldn't leave you, don't you understand, my dear?"

But when the first red rose begins to open,
And lilies of the valley haunt the air,
I hear the organ strains of bridal music,
And you are in my garden everywhere.

—Elsye Tash Sater

Indoor Gardening Guide

[Items illustrated on page 26]

Where to Get Bowls and Vases

Here are sources of vases and bowls pictured in the May Indoor Gardening Guide, page 26.

Containers 1, \$3.50; 2, \$5; 3, \$4; 12, \$3.50; 18, \$1.50; 19, 85c; Fosterite Glass Co., Mountville, W. Va. Containers 4 and 6, \$7.50; 11, \$6.50; 16, \$1.50; 27, \$7.50, birds 40c each; Universal Novelty Products Company, 65 Madison Ave., New York City. Containers 5 and 7, \$10; 17, \$12.50; Verly's of America, Inc., 342 Madison Ave., New York City. Containers 8 and 9, \$3; 10, \$2.50; 13, \$1.50; 14, \$6; 15, \$1.90; Duncan & Miller Glass Co., Washington, Pa. Containers 20, about \$2; 21, about \$1; Revere Copper & Brass Co., Rome, N. Y. Containers 28, monotone \$3.75, duotone \$5; 29, monotone \$3.25, duotone \$3.75; 30, monotone \$2.50, duotone \$3.50; 31, monotone \$6.50, duotone \$7.50; 32, monotone \$3.25, duotone \$3.75; 34, monotone \$7.50, duotone \$9; 35, monotone \$12.50, duotone \$15; William Manker, Padua Hills, Claremont, Calif. Container 36, \$2; Mitterdorfer Straus, 245 Fifth Ave., New York City. Holders 22, 85c; 23, \$1.00; 25, 75c; 26, 50c; Dazey Mfg. Co., Los Angeles, Calif. Holder 33, \$4.50; Perrydell, Box 601, Daytona Beach, Fla. No. 24, Higgins Floral Clay, 3 sticks for 50c; United Craft Service, Box 181, Logansport, Ind. All items listed available at most department stores, jewelry and gift shops.

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Lovely
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Bug-a-boo Garden Spray kills or controls practically all troublesome garden insects. Highly concentrated, 4 ounces make 12 to 18 gallons. Will not clog sprayer. Get some today. Use it freely in your garden.

Buy at leading hardware, garden supply, and department stores.

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GARDEN SPRAY
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**NEW VITAMIN B-1
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New in Ready-To-Use Tablet Form. No Mixing or Measuring of Drops. Simply Dissolve Tablet in Water—Ready For Instant Irrigation!

Scientific tests show vitamin-treated snapdragons 6 ft. tall, daffodils 42 in. with tremendous flowers, 5 in. rose buds. Other startling results show faster growing, healthier plants with giant, bushy seedlings matured in 1/2 usual time; rejuvenation of sick, straggly plants; transplanting with little setback, root rot stopped, etc. Now one of America's leading manufacturers of vitamin products has specially compounded pure crystalline powder Vitamin B-1 into convenient, ready-to-use tablets for garden use. No bothersome premixing for "basal solution"—or measuring drops. Simply drop one tablet in water and precious miracle-working liquid ready for instant irrigation.

MONEY BACK GUARANTEE—Send only \$1 (postpaid) for large bottle of 150 WRIGHT'S B-1 TABLETS enough for average garden season, with directions for many uses. If not more than delighted with results, money refunded.

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How to Make Tulips Give a Big Show

[Begins on page 18]

Young Flowering Almond bushes, both the pink and white, already strung with beadlelike bloom buds, can be lifted with care, eased into place without disturbing their roots (they get their food thru their root tips, remember), and watered copiously. And what a transformation for the tulips now in front of them—it's like a film extra rising to stardom overnight.

BOTH Thunberg Spirea, with its mist of white, and the Plumleaf Spirea, with its long wands strung with white "roses," will do surprising things for lonesome-looking clumps of scarlet tulips.

Unless they're bedded formally, all clumps of tulips look better if they stand in close relation to some shrub, are snuggled against a big boulder, or are backed by a tree, a pillar, a birdbath, sundial pedestal, or large garden jar. And, most certainly, these are the ways to display them if a few tulips are to be made to look like many.

Perennials will often substitute for the shrubs we'd really prefer. Rock-ets, columbine-foliaged rue, early dailies, and Sweet Cicely can all be transplanted this spring and are very obliging about coming on and making sizable foliage masses early.

Husky clumps of Bearded Iris, too, can still be lifted and set down where the tulips need them. Do remember, though, to settle the clumps well with water.

And then the other spring-blooming perennials—Blue Phlox, Perennial Flax, the bleedinghearts, Forget-me-not Anchusa, leopardbane with its yellow daisies, forget-me-nots in misty stretches, Virginia Bluebells—we'll want lots of all of these.

AS YOU go about glorifying your tulips this way, more and more possibilities present themselves. And there's no reason at all why this shouldn't be the gayest tuliptime you can remember.

The only thing about which you need to be cautious is digging too close to the tulips. Remember that their roots extend about two inches out from the bulbs on all sides. So tuck the companion plants in with as little disturbance as possible and water them well. Mulching in this case is something that we can afford to ignore because going thru tuliptime is like having a big party—there are always some rearrangements to be made when it's all over.

Suggested Combinations And now here, if you feel you want help on combinations, are those tried-and-found-charming pairs and trios:

La Reine Maxima—a grand up-standing Single Early Tulip, with rose and white Moss Phlox. This is positively enchanting because the tulips look exactly as if the rose in their petals was reflected there from the phlox below.

The Tulips White Hawk (Single Early) and Carrara (Cottage) above a mass of Pansy St. Knud or the bedding Viola Apricot.

UNBEATABLE FOR YOUR ROSES AND OTHER GARDEN FLOWERS

Fulton's PLANTABBS are highly concentrated, completely balanced plant food containing Vitamin B₁ in tablet form. This miracle-working combination is equally effective for feeding freshly potted plants, house plants that are not thriving satisfactorily, cuttings, seedlings and for preventing shock and injury when transplanting.

NOTE: Do not confuse Fulton's PLANTABBS with other preparations that merely supply Vitamin B₁ (whether in tablet, powder or liquid form). Vitamin B₁ by itself is not a fertilizer and does not take the place of fertilizer. Fulton's PLANTABBS are the only tablets available which contain complete plant food and all of the Vitamin B₁ needed for plant health and growth.

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The beautiful flowers of the San Francisco Fair.
10 MEDIUM BULBS, or 5 LARGE BULBS \$1 postpaid.
Easily grown anywhere, will bloom this season.
OTHER 51 ITEMS—70 Ranunculus, 70 Anemones, 4 Corbetta Ranunculus, 4 Yellow calla, 3 Pink calla, 1 Nerve lemon, or 4 Unusual Cananga varieties.
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GERANIUMS 2 DOZEN PLANTS POST-PAID \$1.25
These are strong young plants that will be found very satisfactory for planting in the yards or garden. PLANTS ARE READY FOR DELIVERY APRIL 15th to June 15th. Any color or mixed.
Buckley Geranium Co., Springfield, Ill.
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627 Grand Ave., Des Moines, Iowa

Lord Carnarvon (Triumph) rising rosiest from a deep rug of bright blue forget-me-nots.

Retroflexa Tulips (Lily-flowered) with their golden blooms shining and nodding brightly above sprays of the sky-blue-enamel flowers of the Forget-me-not Anchusa. One advantage that comes from setting this anchusa in spring is that the big, hairy leaves don't push out so vigorously nor so early as they do when established, and the exquisite bloom sprays can be enjoyed to the full.

TULIP DREAM (Darwin), that lovely blue-hearted lavender, surrounded by a mat of silvery Blue Phlox (*P. divaricata*).

Gay, spectacular Mayflower and Advance (Mayflowering) with foregrounds of white pansies or a closettied carpet of winsome Cream Violets (*V. striata*).

Louis XIV (Breeder)—a big clump of it surrounded with purple Honesty.

Bouton d'Or and similar full-yellows with a blue froth of forget-me-nots all about them or with misty fountains of Perennial Flax.

Inglecombe Yellow (Cottage) with saucy orange wallflowers.

Euterpe (Darwin)—a delightful lilac with a rosy tone, with stocky tufts of Woolly Betony and the Johnnies that dress in dark-purple velvet and wink a golden eye.

TULIP MOONLIGHT (Cottage), as beautiful as it sounds, surrounded and all but smothered by Virginia Bluebells. The bluebells can be moved as soon as they poke their dusky heads thru the soil—even before you've staked them and know where to dig.

Either Bacchus (Breeder) or the Bishop (Darwin), two of the finest dark tulips that grow, with primrose-colored violas or some of those monster yellow pansies, as Rheingold, that wear those interesting, big black blotches on their three lower petals.

Grenadier (Cottage)—as dazzling as they come, with anything that is light blue—violets, anchusa, polonium, forget-me-nots, or Virginia Bluebells.

Ellen Willmott (Mayflowering) with deep and flaring, strong-yellow cups above brown pansies, and with forget-me-nots tucked in about them like a dainty scarf of blue lace.

Make Your Mums September Showgirls

[Begins on page 62]

ply of diluted plant food once every two weeks than a smaller amount more frequently. Don't feed after color shows in the flower buds.

Pinching Several times thru the spring remove the tips of the young shoots. This causes branching and induces the plants to form broad-spreading bushes. This is called pinching and shouldn't be done after July 1 if you are to start your shading July 15. To get the best results, better to wait 15 days before starting your artificial short days if you have pinched later than July 1.

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Harry R. O'Brien

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ECONOMY SPRINKLER
Sprinkles a square acre, throws a fine spray, will pay for itself in one week, no water other sprinklers waste on sidewalks, etc. Will not bend tall plants and flowers. 40¢ or 3 for \$1.00 postpaid, money back guarantee.

J. F. WAIDELCO, Box 244, Jackson, Mich.

From my Radio Talks on Gardening—The Topics are included in the 1940 copy of The News, Sample copy free. Five varieties—Red Toned Iris including Red Wing 30 cents. Address "Iris News", Macdon, N. Y.

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of superior quality are our specialty. Write for our free 1940 descriptive catalog listing large assortment of selected varieties. Contains cultural suggestions. Blackwell's Chrysanthemums, 1131 Fairview Ave., Knoxville, Cal.

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Thompson's Vitamin B-1 pellets sold in pure crystalline powder form for those who prefer to measure their own solutions. If your dealer can't supply you send a dollar bill to

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Yes, when moths attack an expensive fur coat, damage may easily amount to over \$500. Don't take chances. Read and follow carefully the easy directions given in the leaflet, "How to Prevent Damage by Clothes Moths", and you won't have to worry about moth damage one day longer.

Get this free leaflet today! Go to the moth preventives counter in your favorite drug, department, variety or 5 & 10 cent store. Ask for free White Tar leaflet, "How to Prevent Damage by Clothes Moths", or send coupon.

And—when you buy your Preventives—don't forget—White Tar Moth Preventives and White Tar Mothproof Bags are among the lowest in cost as well as 100% reliable and effective. Demand White Tar by name—it's a Koppers product!

If you prefer, fill in coupon, and the leaflet "How to Prevent Damage by Clothes Moths" will be sent direct to your home.

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Please send free leaflet, "How to Prevent Damage by Clothes Moths".

Name.....
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use KOPPERS products

Fruit From Your Own Tree—Tastes So Good!

[Begins on page 64]

nursery rows with balls of soil about the roots and planted any season, but we prefer spring.

Pears and Apples Grow Anywhere In late summer and fall, pears and apples steal the show. The tasty sweetness of the Bartlett Pear enhances August tables, with Gravenstein Apples appealing to the sub-acid palate. Doyenne du Comice Pears arrive shortly ahead of Jonathan Apples in September. Red Delicious Apples carry us into November, when Winter Nelis Pears and Yellow Newtown Pippin Apples take over Thanksgiving fruit bowls.

Pears and apples can be grown almost anywhere. But get the varieties adapted to your climate.

Walnuts Aren't English Visitors to California are impressed with our huge trees of English Walnuts, which can be raised in many other sections if you but have the patience to wait until the trees bear. English Walnuts come from the Mediterranean countries rather than England. They were called "English" because they acquired world-wide distribution thru English sailing vessels.

Fig Fails One fruit we tried years ago was a failure. Smyrna Figs imported from Turkey were such a highly prized delicacy back about 1880 that a couple of California orchardists obtained cuttings, propagated them, and put the trees on the market. So popular were they that a San Francisco newspaper distributed them as subscription premiums. They grew into beautiful trees but wouldn't fruit. Letters from disgruntled premium-winners set an all-time high.

My father spent 15 years of his life and \$50,000 of his own money helping solve the mystery of these figs that wouldn't fruit. Clues led him halfway around the world. Father discovered that the California figs produced only female flowers. But even introducing male fig trees didn't help. And it wasn't until 1901 that the mystery was fully solved. What Turkey had and California hadn't was an obscure wasp, *Blastophaga*, which carried the pollen. Now we have both the wasp and the fig.

Where to Plant Fruit January and February are the two best fruit-tree planting months in California. In the Pacific Northwest there is a brief spell of planting in the late fall and an honest-to-goodness planting session in early spring. But wherever you live you can make this a rule: You can safely plant fruit trees at the same time you plant deciduous flowering shrubs.

Before you plant, prune. Look for three or four symmetrically placed branches between two and three feet above the bud where the tree was grafted to the root of the tree above this point. Shorten in the remaining branches to two or three buds, trim away any broken or damaged roots, and your tree is

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"One-Shot" CONTROL

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☐ 5 lb. can of Pomo-Green with Nicotine 75c
☐ 1 lb. Pomo-Green with Nicotine 5c
☐ Niagara One Quart Dusting Gun \$1.25

POMO-GREEN with NICOTINE

ready for planting. Take care not to let the roots dry out en route between the nursery and planting.

The hole should be deep and spacious, and at least half again larger than the area of the root system. Place the bud exactly at ground level and shovel the top soil in about the roots, following with the subsoil. A bucketful of peat-moss mixed with the soil around the roots will repay you in results.

In California we have no summer rain, so we irrigate in a basin around the tree, large enough to hold water sufficient for two weeks' need. Usually there is little trouble with pests until aphids and thrips attack the new foliage. These fellows are easily discouraged by a thoracic application of a good oil emulsion to which has been added nicotine or pyrethrum-rottenone. Fall sprays of bordeaux mixture (after the leaves have fallen) and a spring follow-up with the same material before buds are open are, in general, about the only pest-control operations required.

Get Out Your Tools Home-orchard gardening, in California or elsewhere, is real fun. It yields real dividends. Give it a trial. It's sure to make you a fruit-growing enthusiast. Your nurseryman and your agricultural-college extension men, familiar with local characteristics, are a source of sound advice. Talk it over. Then get out your tools and go to work on your own home orchard, whether you make it consist of two or two dozen trees.

I Grow Better Flowers in a Cloth House

[Begins on page 56]

plants made a tremendous growth. During July I pinched the young plants until I felt cruel. In spite of the pinching they continued to grow.

I was anxious to bring my mums into bloom early, for several of them were tender varieties. Experiments have proved that a dark cover over such plants has the same effect as the shorter days. So we set tall stakes at the corners of the chrysanthemum plot, and, beginning July 21, black sateen edged with old window shades was draped over the chrysanthemums at 5 o'clock in the evening and removed at 7 in the morning. By October 1 all the flowers were in bloom, a glorious sight. The chrysanthemums in my flower garden were just beginning to show color.

House and Plants Cost \$10 I intend to continue to use my cloth house, for when the sun is blistering the outdoor world and blooms droop and fade, my cloth-house plants will be several degrees cooler and have a certain amount of moisture lacking outside. When chill autumn nights blacken those superb white chrysanthemums that should have many more days in which to fulfill their promise, I will be able to rely on the protection of the cloth stretched above my plants. This year I shall have to renew the cheesecloth, but the entire outlay, including the plants, was under \$10.

New Speed Tools

for Busy Gardeners

They're America's Fastest Selling Garden Tools



SPEEDLINE
GARDEN TOOLS

Poison Ivy

[Begins on page 69]

A rash may be produced any time from within an hour up to three days after exposure. Affected parts itch distractingly, and soon numerous small blisters appear. Pus may form in these blisters and will be followed by scabs as they dry. Gradual improvement begins in a day or two if you withstand temptation to scratch.

Certain treatments are valuable in avoiding attack. A 5-percent solution of ferrous sulphate in 50-percent alcohol with a little glycerin may be applied to exposed skin and allowed to dry before you venture forth. This is effective except in cases of extreme susceptibility. Thorough washing in warm water and yellow laundry soap as soon as one returns from an expedition is effective, for the poison dissolves in the alkali in the soap.

If poisoning develops in spite of precautions, there are many simple remedies to relieve the itching. In severe cases go to a doctor. For mild eruptions a solution of 1 teaspoonful of baking soda to 1 cup of water is soothing. One of the best treatments is to use a 5-percent aqueous solution of potassium permanganate gently dabbed on the affected parts with cotton. One application is generally sufficient. But if there are unbroken blisters it may be necessary to open them with a sterile needle and repeat the treatment.

After the itching has stopped, a soothing ointment such as zinc oxide will assist healing, but don't use a greasy ointment before itching stops. So long as any of the poison is present it will dissolve and spread in such an ointment.

Poison Ivy is plentiful throughout the entire middle and eastern United States and Canada. On the Pacific slope its place is competently filled by the Western Poison-oak which yields to much the same treatment.

Around homes and summer cottages you can get rid of Poison Ivy with a little persistent effort. It reproduces by seed and creeping rootstocks. One method is to spray the leaves and surrounding soil with sodium chlorate (1 pound to 1 gallon of water), which is discouraging to the ivy and lethal to everything else growing in the vicinity. If this is done in the fall the rains and snows of winter should wash the soil sufficiently to make it safe for other plants in the spring.

Small patches of Poison Ivy can be killed by covering them with tarred or other heavy paper that completely excludes light.

The most rapid and surest way to deal with Poison Ivy is to pull and grub it out down to the last inch of underground runner, but if you're susceptible to poisoning, don't attempt this method. Pull and grub clear to the end of each prolonged underground runner. Burn all pieces. But don't forget the laundry soap after each battle.

—Elizabeth L. Burckmyer.

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Every Vitamin For Every Purpose

Who Cares About the Weather?

[Continued from page 115]

Units on Ceiling

Where hot water or steam systems are used, it's common to install a central "air-conditioning unit"—often on the basement ceiling—consisting of blower and filter, a "heat transfer" coil, and the necessary controls. Hot water or steam is piped from boiler thru the coil, and the heat is transferred to the air forced past the coil by the blower—the air then forced up into the rooms. For summer, then, it's necessary only to pump cold water or refrigerant thru the coil instead of steam or hot water. In some equipment the same coil unit can be utilized for both heating and cooling; in others the coil unit is changed with the seasons.

Practically all new warm air heating plants this day and age have blower-filter unit in-built, or attached when installed. And most of them, too, have provision for adding moisture to the air in winter; but dehumidification in summer usually is effected only to the point that moisture is taken out of the air automatically (it condenses) as it passes the cold coils. Some more elaborate systems incorporate special dehumidifiers. These mean still greater comfort, but they add somewhat to the cost.

Systems of heating and cooling are now so varied and so well engineered that it's possible to get exactly the type your home and family require—whether central system, room units, attic units, or a combination.

Thermostats and Controls

The real fascination of air conditioning to me is in the automatic controls. They seem almost human and really can regulate a heating or cooling system more accurately and economically than any two-legged animal who wears pants or skirt.

It's possible, by means of interlocking electric controls, to regulate and manage your year-round air-conditioning system to such perfection that once it's started you'll scarcely ever have to touch it again winter or summer—the electric devices automatically changing and managing the heating, cooling, ventilating, and humidifying thru all kinds of weather and all temperature and moisture conditions.

Terms to Remember

However, most systems are simpler, and the common control terms with which most of us should be familiar are *thermostat*, the room-located unit that regulates heating or cooling; *humidistat* or *humidity control*, which has to do with addition or subtraction of moisture; *window-unit*, which has to do with indicating summer temperatures and moisture conditions outside and balancing them with inside; *furnacestat*, which is situated on the heater and works in conjunction with the room thermostat in regulating firing; and

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aquastat, a fan and firing control unit which works with a boiler-radiator system as the furnacestat does with the warm air system.

Naturally, the simplest form of control—where only one device will be used—is the thermostat. Set at the temperature you want the room, it telegraphs your desires to the heater or the cooler. And, of course, if our new heating plant has a stoker or automatic oil or gas burner, or automatic cooling equipment, moving the indicator is about the hardest work I'll have to do. That's right up my alley.

I related all this to Bill while he had his nose in the paper. He must have heard some of it, for he laid down his paper and grinned. "Bless me," he said, "my wife's an engineer!"

Complete Conditioning System—Addendum

Briefly, the choices of year-round air conditioning are 7 in number:

1. **Boiler-radiator, with room units:** Heating is by steam, vapor, or hot water boilers; air conditioning is by room units which circulate, moisten, and clean the warmed air. Cooling is by room units, or by attic and incidental fans.

2. **Direct warm air:** Oil, gas, or coal-fired furnace, with blower-filter unit and interchangeable heating and cooling coils; large rectangular ducts to all rooms.

3. **Indirect:** Instead of heating and cooling air directly, this system employs a boiler to heat water, and a compressor or well-and-pump to supply cold water; an electric hot (summer) or cold (for summer) liquid is delivered to a complete air conditioning unit which heats or cools, cleans, and humidifies or dehumidifies the air which is delivered to and from rooms via a duct system as in No. 2.

4. **Split-system:** Combination of No. 1 and No. 3, some rooms being heated by radiators (such as hall, kitchen, bathroom), others being completely conditioned. Has advantages of both direct warm air and boiler-radiator systems.

5. **Auxiliary (or double) system:** Complete boiler-radiator heating system, plus a complete auxiliary central air conditioning system. This is the most ideal, but expensive.

6. **Unit-system:** Controlled air conditioning by a series and combination of room heating and cooling units, humidifying radiators, etc. Usually used in conjunction with an existing boiler-radiator heated house where it would be too expensive to install ducts, coils, blower, and filter. Also under this heading come the electrical heating plants, the most common of which is that using individual heating and conditioning units for each room.

7. **Reverse-cycle:** A very ideal and elaborate system for large homes where extremes of temperature are not common. Uses fresh outdoor air exclusively as heating and cooling medium, by means of a combination of well water and a compressor; and employs Mother Earth herself as the tempering medium—for cooling in summer and heating in winter. Eliminates fuel storage and has no conventional furnace or boiler.

Complete details on air conditioning systems can be obtained from your heating and ventilating contractor. The system should be "fitted" to your home for highest efficiency. The method your neighbor used may not be the ideal method for your home. Don't hesitate to inquire widely. Information on air conditioning may be found in the book, "New Ideas for Building Your Home" (\$50c), available on newsstands or from Better Homes & Gardens.

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Along the Garden Path

[Begins on page 110]

Happy Companions

PLANT HEAVENLY BLUE MORNING-glory plants beside a silverlace vine. The morning-glories climb up into the branches of the silverlace vine and buds burst forth at the top among the foliage and dainty white flowers.—Hazel Brown, Nebr.

Apple-Corer for Weeds

I FIND AN APPLE-CORER a good tool for removing occasional weeds from the lawn. Its sharp point and rounded surface remove the weeds without disturbing too much sod.—G. Roberts, Kans.

Cutting Peonies

IN CUTTING PEONIES always leave some foliage at the base of the stalk. It's best not to cut all the blooms from any one plant. Foliage helps to manufacture food which is stored in the roots.—Ralph Crowley, Ind.

Bean Horing

DON'T HOE BEANS while the leaves are wet as you'll spread the rust on beans.—Laura Schotts, Ia.

Putty Knife as Garden Tool

MY PUTTY KNIFE, ground to a double edge, is especially useful in handling dahlia roots, splitting the stalks when storing, and in separating them for planting, as it will cut corners and go between roots where a knife is almost useless. Used with a light hammer, it's as good as a chisel for trimming knots or stubs. It's an all-around necessity.—A. C. Thomas, W. Va.

Strawberries and Roses

BECAUSE OUR STRAWBERRIES took so much precious room in the vegetable garden and the rose garden looked so barren, we combined them and planted strawberries as a groundcover—putting the rose bushes far enough apart so that we could pick the berries.—Mrs. Lee McCanne, N. Y.

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Special \$1.25, \$2 and \$3 Offers made bigger and more selective than ever for 1940. Many high-priced varieties now included in these low-cost Gove Specials. For gorgeous gladiolus next summer, write now your book to **CHAMPLAIN VIEW GARDENS, Elmer Gove, Box J-9, Burlington, Vermont**

IT'S NEWS TO ME!

REG. U. S. PAT. OFF.

By Anna Joyce Olson



1 This **Take-Along** outing chair, that sets up in a jiffy, is carried in its own back panel, and weighs but 7 pounds. The oak frame, metal braced, has khaki or colorful-fabric backrest and wide seat; \$3.50. "Take-Along" Travel Chair Co., Inc., Thomasville, Georgia.



2 New **ready-made valance** is of wide-mesh net, cotton-ball fringed, with hem woven to fit standard curtain rods. Here it matches net curtaining. *Cape Cod* 54-inch valance alone, in color combinations, about 79c in stores. Matching 50-inch net curtaining, about 75c a yard. Consolidated Trimming Corp., 27 W. 23rd St., New York.



3 To keep tiny tots busy and amused for hours, this **kiddie tent**, planned for indoors, has self-supporting, folding metal frame 43 x 36 x 28 inches high. Tent is pre-shrunk khaki or muslin color. Postpaid, \$3.95. The Eldac Co., 2231 Dalzelle St., Detroit, Mich.



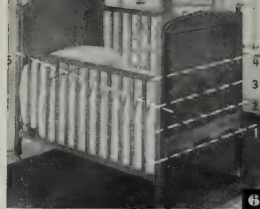
4 Multiplicity of uses marks this 2-piece electric **Universal Rangette**. Its hot plate is separate. The ensemble makes cooking equipment for summer cottage, guest house, or very small home. Or, on occasion, let its parts help in the home kitchen, rumpus room, porch, and nursery. It requires no special wiring if you operate only the oven or the hot plate at a time. Oven, for AC current only, has automatic heat control. Includes aluminum utensils; \$44.95. Landers, Frary & Clark, New Britain, Conn.



5 New non-tipping concrete **birdbath** is no hazard to children because its bowl interlocks with the pedestal. With pockets for rock plants and vines, it entices birds. Has a drain plug, and is painted inside with gray pool enamel. The 20-inch bath, 55 lbs., is \$9 f. o. b. Packed for freight, 117 lbs. J. H. Mura, 1627 N. Main St., Racine, Wis.

6 Here's a bed to keep up with baby's growing from infancy till he's 6 years old! It's a 30- x 54-inch **crib** with spring adjustable and safe at four heights, and solves several playroom problems. With spring in positions **Nos. 1** thru **4** in the photograph the bed is, in order, a play pen 7 inches from the floor; a crib; a tot's bed; a bassinet, or a dressing table. Dotted line **No. 5** shows how the spring will slant for feeding time. *No. 1736*, without mattress, about \$22.50 in stores. Lullaby Furniture Corp., Stevens Point, Wis.

7 This **gas range** is one of those taking full advantage of one-piece top construction and smooth materials to make cleaning easy. With top and back-splash formed in one piece, without crevices, the only breaks are the four round burner holes. Each burner top combines three chrome arms to support utensils, with a glazed disk ridged for the flame jets and completing the ensemble easy to wipe clean. Disks are fireproof ceramic, heat-reflecting. *Glenwood Glamorac Ranges* start at \$84.50. Glenwood Range Co., Taunton, Mass.



15c; and spring-handle tart cutter, for fried pies or filled cookies, 50c. 6 individual pie tin, 10c; and woven-wire bottom, 9-inch or 10-inch pie pan, All in stores, or from The Chicadee 1350 E. 27th Place, Tulsa, Okla.

No. 3 in Photograph 8 is a pie lift. Y place it under the lower crust for baking and run it around the pan to loosen. Lift the freshly baked pie. *Brak-Pruf*, 211 Nell Fulton, 119 W. 33rd St., New York.



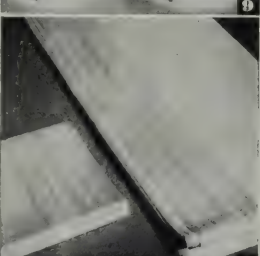
9 For bedroom or bathroom, the condensed essence of convenience, suggests Christine Holbrook, is this slender **Beauty cabinet**! It's 30 inches high, has 13- x 1-inch top, includes cosmetics, manicure aids, mirror, tubular electric lights, a 3-plug outlet. In wood selection or white. *No. 32*, \$23.50, in stores. The Cowell-Runyan Co., Huntington, Ind.



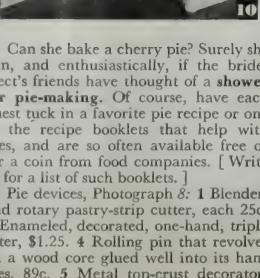
10 New woven-in, decorative head a foot finish replaces the usual turned head in these **Beauty Hem bed linens**. It eliminates the hem crease and stitching eventually points of wear on a pillow case and at a sheet top. And even when you reverse sheets, head to foot, the woven-in edge is uniquely attractive. The sheet's cut edges come at its sides, where narrow, sturdy hems replace the usual selvages. Because this weave reduces length shrinkage, the sheet remains an adequate and practical length in use. Double-hem size sheet, 83 x 93 inches long, costs about \$1.69; 23- x 31 1/2-inch pillow case, about 42c. Pequot Mills, Salem, Mass.



► To refurbish a breakfast set or the garden furniture for repainting, a semi-pa finish-remover stays wet until you scrape it to strip the paint or varnish right down to the bare wood or metal. *Strippeez*; a gallon costs about \$2.40, moves about 200 square feet of paint (pint 60c). The Savogran Co., Inc., Wharf, Boston, Mass.



► Sow garden seeds in rows, and stooping, with a **seed-planter**. Tiny small, hollow disks fit together as a handle and rotate, non-clog, on a 2 1/2-inch handle. Disk rims are perforated to drop seeds, adjust quickly for right seed-spacing. *Gardex Seeder No. 270*, \$1. Gdex, Inc., Michigan City, Ind.



► Eight clever chocolate-dessert recipes are yours free in a new *Baker's Chocolate Chip Cookery* folder "Chocolate Chip Cookery Corner to Town." In each recipe solid chocolate which you cut from semi-sweet chocolate, stay whole, firm, and so delicious to eat into, baked right in the cookies, cakes and puddings. Write to General Foods Corp., Dept BHG, Battle Creek, Mich.

8 Can she bake a cherry pie? Surely she can, and enthusiastically, if the bride-elect's friends have thought of a **shower for pie-making**. Of course, have each guest tuck in a favorite pie recipe or one of the recipe booklets that help with pies, and are so often available free or for a coin from food companies. [Write us for a list of such booklets.]

Pie devices, Photograph 8: **1** Blender, and rotary pastry-strip cutter, each 25c. **2** Enameled, decorated, one-hand, triple sifter, \$1.25. **4** Rolling pin that revolves on a wood core glued well into its handles, 89c. **5** Metal top-crust decorator,

► Decorative **room-paneling**, has some for a fireplace wall, costs less cause the paneling surface is a veneer. Choice native or exotic wood she bonded with waterproof adhesive. Hard, wood-fiber board, come pre-ished. Panels are 1/4-inch thick, come sizes to 4 x 12 feet, cost 53c to 89c square foot, not installed. *Marlite veneer*, Marsh Wall Products, Inc., De B, 537 Marsh Place, Dover, Ohio.

► To feed your **toddler**, bridging the gap from babyhood to adult dishes, new free booklet of **recipes and meal** makes use of canned baby foods, canned junior foods, perhaps already familiar to the tot's taste, as the ingredients in preparing the dishes. A starting the recipe with the strained fruit—say, for carrot custard—speeds your task. Ask for "Recipes for Toddlers" Gerber Products Co., Fremont, Mich.



Better Homes & Gardens

June 1940 · 10¢

The Quints' Dr. Dafoe Prescribes Gardening for Happiness





WHEN YOU BUY A NEW DRESS, you consider who designed it, how it fits, how much it costs. You look for quality...keep an eye on details. That's the way to choose a car!



RIGHT OFF, you'll discover that your husband has his way of judging a car—and you have yours. He compares mechanical features—and the 1940 Quality Chart shows Plymouth has more fine features than the "other 2" low-priced cars combined!



YOUR HUSBAND WILL APPRECIATE your knowledge of the smart styling, rich upholstery, and attractive fittings Plymouth gives you. And after taking Plymouth's Luxury Ride, you'll both agree it's the car you *both* want.

The Hand that Rocks the Cradle Drives the Family Car!

In almost every family, it's the "Lady of the House" who uses the automobile most. And the judgment of women plays an important part in the purchase of Plymouth cars. As rider...as driver...as the family expert on style, color, and quality, you can help your husband get a better automobile. Go with him to a Plymouth showroom and pick the car that gives both of you the things you want.



IMAGINE HAVING this stunning new Plymouth parked in front of *your* house! Ever believe it a low-priced car?

YOU AND YOUR HUSBAND will be delighted with the way Plymouth travels far on a little gas and oil...the low cost of upkeep.

Stop in at your nearest Dodge, De Soto, or Chrysler dealer today and see how easy the 1940 Plymouth is to buy. For Plymouth's prices begin at \$645 for coupes—\$699 for sedans—delivered in Detroit, Michigan. Prices include all federal taxes. Transportation and state, local taxes, if any, are not included. **PLYMOUTH DIVISION OF CHRYSLER CORPORATION.**

Plymouth

IS THE ONE LOW-PRICED CAR
MOST LIKE THE HIGH-PRICED CARS



"For years I thought a quick cleanser had to be gritty!"

Many women are surprised to find that Bon Ami does not depend on harsh caustics and scratchy grit for its effectiveness. Yet it is quick and thorough enough for *all* their household cleaning. What's more—they find Bon Ami *protects* the surface it cleans. Because it's free from harsh alkalis and destructive grit, it does not scar or dull bathtubs, sinks and other household equipment. In fact, women who use Bon Ami regularly, claim this "scratchless cleanser" actually *keeps* things easy to clean.

Bon Ami
the quick safe cleanser
for bathtubs and sinks



BETTER HOMES & GARDENS

VOLUME 18

JUNE, 1940

NUMBER 16

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Plumbing Fixtures & Fittings • Air Conditioners • Coal & Gas Water
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Even though your home and budget are small you'll find the right equipment for efficient, dependable radiator heating in the complete line of Ideal Boilers for oil, gas or coal—automatic or hand-fired. Provision for economical domestic hot water may be included in all automatically fired Ideal Boilers.



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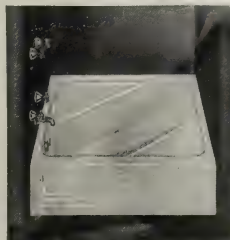
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(Left) "Standard" NEO-ANGLE BATH, America's smartest, most distinctive bathtub

BEST HOME WASHING NEWS IN YEARS!



New Maytag master washer
makes child's play of a man-sized job!

ple, easy-to-operate and safe damp-drier automatically adjusts itself to force all water and soap curds from bulky or fine garments alike. ★ Better-looking washings and easier wash-days can be yours year after year. Your nearest Maytag dealer will gladly show you in your home that all these advantages are facts. Ask him.



... AND HERE'S HOW MAYTAG DOES IT!

Roll-over water action forces sudsy water through clothes—chase dirt.

Uses less soap. The aluminum tub with outer steel walls keeps hot water hot.

All washings are safe through these over-size rolls. Finger touch safety release.

Clean as a whistle! Long life insurance for shirt collars, silks and finery.



ACROSS THE Editor's Desk

REG. U. S. PAT. OFF.

IF ANY month offers more than the others in its promise for the future, it must be June.

It cannot be by accident that Commencement in a thousand colleges and schools should come in June. There must be something fundamental in the idea that June, more than most other months, should be the time for the commencement of a new life—a time when, preparation being completed, a new door to infinite possibilities is opened for those whose studies have been fitting them for the work they are to do.

Nor can it be by accident that so many bright-eyed brides and eager grooms choose June as the month in which to take the vow upon which, more than any other, our very civilization is based.

Just what it is that makes June play so great a part in these beginnings we do not know. It is unimportant, perhaps, that we be able to give the reason, but it is desirable that we be able to recognize the fact that it is so.

AND WHERE DO these new beginnings tend to lead?

They lead to ends determined in advance by a thousand differing hopes, ambitions, and desires—to fame and fortune in a hundred differing fields—to happiness and contentment in endless pleasant homes.

With ambitions for fame and fortune this magazine can have little to do, but with the homes we would like to play a part, for we have a feeling that, more than fame and fortune, more than power and prestige, home and those things that go to make a home are the really vital matters in this world of ours.

The work we do may be important, we realize, but, in large part, it is not for the purpose of creating and maintaining a home that we work at all?

The ambitions we have may be ever so admirable, but can they be satisfactory if home and family are sacrificed for them?

Not so.

HOME, OF COURSE, means more than walls and roof and furnishings. As a matter of fact, the simplest of houses may make the most perfect of homes. And those qualities that go to make up the perfect home are, almost entirely, intangible things upon which no one can place a finger, yet without which life is burdensome and without meaning.

Nor is a real home ever the result merely of accident. It can seldom, it is true, be planned in advance in all its infinite detail, but it is a great accomplishment, nevertheless, once it has been created—an accomplishment more to be desired than riches—more to be desired than fame.

And June, we feel, has in it something that plays a helpful part in the beginnings of this greatest of accomplishments. What that something is we do not know. Perhaps it is a fabric made up of the love, consideration, and friendliness without which home cannot exist.

Perhaps.

AT ANY RATE, we know that thruout this world of ours life begins anew for thousands upon thousands each time the pleasant month of June returns to us.

It is the month of Commencement—the beginning of the future.

Editor

The Full Glory



Photo-Art



HERE are those who try to explain flowers by a scientific formula—that they are merely Nature's way of attracting pollen-bearing insects thru color and scent.

If a blind, planless Nature were stumbling along its path of growth in such a way, you could not explain a rose. Only a Creator imbued with supernatural love and impulse for beauty could have imagined a flower of such exquisite form, texture, color, and fragrance.

For that reason I cannot enter a rose garden in full bloom without feeling an intimation of something that extends far beyond science or the aimless groping of pent-up life-germs. I pause with a strange feeling of something sacred.—E. T. P.

Roses and Portland, Oregon, are almost synonymous. Read about Portland's Rose Festival and the colorful Pacific Northwest, page 16

BEST HOME WASHING NEWS IN YEARS!



New Maytag master washer makes child's play of a man-sized job!

THIS NEW Maytag Master washer is ready to take the heavy work of washday completely off your hands! ★ Here's a big, beautiful washer with many common sense aids to easier, better clothes-washing! It's designed to save you muscular effort. It's fitted with features that wash grimy clothes faster, yet thoroughly and with amazing, thread-saving gentleness. A sim-

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 SOCIETY

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AN AMAZING FACT ABOUT ELECTRIC COOKING!

*You'll spend less time in the Kitchen,
Cook better meals and Save more
money than ever with a G-E Range!*

HERE'S WHY more women everywhere are cooking electrically now



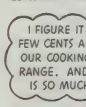
THE AUTOMATIC TIMER ON MY G-E RANGE OPERATES THE OVEN WHILE I'M MILES AWAY. I CALL IT 'ABSENTEE' COOKING!

Mrs. M. S. Lombard, West Hartford, Conn.



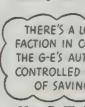
I'VE FOUND THAT ONE SECRET OF GOOD COOKING IS ACCURATELY CONTROLLED HEAT...AND THAT'S JUST WHAT MY G-E RANGE GIVES ME

Mrs. J. R. Rhodes, Glendale, Cal.



I FIGURE IT COSTS ONLY A FEW CENTS A DAY TO DO ALL OUR COOKING ON THE G-E RANGE. AND MY KITCHEN IS SO MUCH CLEANER!

Mrs. J. G. Milligan, Okauchee, Wis.



THERE'S A LOT OF SATISFACTION IN COOKING WITH THE G-E'S AUTOMATICALLY CONTROLLED HEAT. A LOT OF SAVINGS, TOO!

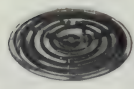
Mrs. D. W. Watkins, Tampa, Fla.

CHOOSE G-E! Get All The Advantages Of Electric Cooking!



**NOW FASTER
THAN EVER
AT NEW
LOW COST**

New Clean-Speed Calrod Cooking Units



free. Always look for the name "General Electric Calrod". Accept no imitation!

THE NEW General Electric Range gives you electric cooking at its best. It's faster than ever—and accurate! Provides the exact amount of heat you need for every type of cooking. Five different heats—scientifically measured and applied! You can always depend on the General Electric for getting the results you want—fast, economically, and without fuss and bother.

Ask your General Electric Dealer to show you the beautiful new General Electric models that give you more money-saving, more time-saving features than any other range. Terms are easy—prices are lower.

Only G-E Gives You All THREE!

1. TEL-A-COOK LIGHTS IN COLOR. For simplicity and convenience. Tell you at a glance which units are on and what heat.

2. CLEAN-SPEED CALROD COOKING UNITS. Five cooking heats—from super speed to simmer—all from one unit and switch.

3. TRIPL-OVEN—THREE OVENS IN ONE! For speed, economy and flexibility. Large Master Oven—Speed Oven—Super Broiler.

GENERAL ELECTRIC

THE DIARY



of a Plain Dirt Gardener

REG. U. S. PAT. OFF.

By Harry R. O'Brien

Caricatures by Tom Carlisle

June 1 Yesterday and day before, worked like a madman. The rest of the annual seedlings were transplanted. Glad bulbs put in ground. Roses sprayed again. More mums transplanted. Last dash downtown to get supply of dog food, duck feed, and sulphur dust. Bags packed. Keys to house and all my hoes, trowels, and lawn mower turned over to a neighbor.

Down at think-factory (Ohio State University) met last class. Made out exam questions and left them with Gertrude, department secretary,



"Maggie, Donald, David, and I headed west last night"

who has agreed to give said exams. And believe it or not, Maggie, Donald, David, and I headed west last night in our new car about twilight and drove 90 miles on our way, bound for Texas and San Diego and Seattle and Salt Lake City and all points west.

As we drove along US 45 in southern Illinois this afternoon, Maggie sat with a notebook, writing down what I asked her to about wildflowers and things. Says I to her:

"Make a note. South of Texas City. Planting of yucca along roadside. At intervals daylilies planted in masses on bank. Wonder if some garden club has been busy?"

June 2 Lunch today at coffee shop of Dunn Hotel in Poplar Bluff, Missouri. This hotel is a flower-lover's shrine. There were evergreens outside the lobby door, gaillardias in the dining-room window, and on dining tables flowers that harmonized with the colorful costumes of the waitresses. At night there are cape-jasmines on the tables.

Mr. Dunn told me that when he came here a few years ago he found a vacant lot across from the hotel was a dump, filled with trash and tin cans. He obtained control of this and here he has made a flower garden to furnish cutflowers for the hotel.

Wildflowers were making a gor-

geous show in the Ozarks today—purple coneflowers, blackeyed-susans, white daisies, and pink cranes-bill, and in late afternoon, after a rain, we saw lots of wild roses along the road. There were so many, we stopped to take a closer look at them.

Out we all jumped. And bless my soul, we got that sticky Ozark mud all over our shoes. I cleaned off my shoes with a stick, cleaned off David's shoes. Then, leaning against me, Maggie stood on one foot at a time, while I scraped mud off the other.

June 4 Stopped tonight at Bluebonnet Tourist Court just out of Fort Worth, in a most attractive new little cottage with a pointed blue roof. H. H. Hughes, the proprietor, has Texas bluebonnets, the state flower, planted about the court in beds and flower boxes.

June 6 The Waco Garden Club of Waco, Texas, is filled with enthusiasm and with gardeners who have the true Texas spirit. I know, for I had been invited to speak on the program of this club this morning at an open meeting and bless my soul, there were 400 people there to greet me. Everybody was so friendly. The stage was surrounded with amazingly fine flowers. The great Picardy Glads had been grown by Miss Gladys Allen. The huge spikes of Giant Pacific Hybrid Delphiniums had been grown by Mrs. Bruce Duncan. Mrs. A. P. MacLendon was responsible for the gardenias.

After the meeting we were driven around Waco. Everywhere we saw vitex in bloom. I found in lovely Cameron Park an especially good municipal rose garden. At the home of Mrs. Duncan I found a little white garden at the north side of the house that intrigued me. In the spring there are white iris, white tulips, white Spanish Iris. She has camellias, azaleas, pansies, Shasta Daisies, and Polar Bear Zinnias—all in white.

Elsewhere she showed us dahlias and glads in bloom [Turn to page 114]



"We got that sticky Ozark mud all over our shoes"

How the Owner of this Shabby Suburban House TURNED IT INTO A CHARMING HOME

— at an unbelievably
low monthly cost...



YESTERDAY:

Send for "The Home Idea Book"—learn how your home, too, can be transformed with Johns-Manville Fireproof Asbestos Roofing and Siding Shingles

by Crawford Heath

THE OWNER OF THIS HOUSE, like thousands of other owners throughout the country, found that time and weather were taking their toll. He was confronted with the necessity of again repairing and repainting the siding. Then, of course, there was the roof. It didn't leak—yet. But that was just a matter of a little more time and a little more weather.

What To Do?

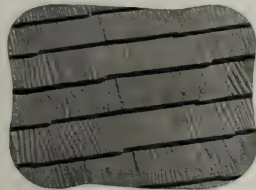
The owner knew that repainting would help preserve the exterior and improve its appearance a lot. . . But, as always, in a few years it would have to be done again.

Then the owner found a startling fact in the new 1940 "Home Idea Book" . . . on page 22 he read: "*J-M Asbestos Shingles can be applied over old siding, and at a cost but a little more than a good two-coat paint job.*"

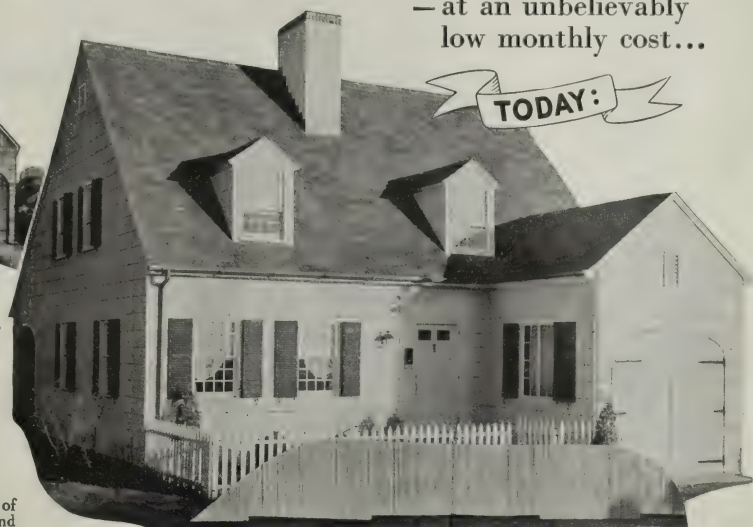
New Beauty—New Protection—Low Cost

In addition, he learned that J-M Asbestos Siding Shingles have all the charm of weathered wood—are fireproof—easy to apply—won't rot or deteriorate.

He suddenly realized that covering the old exterior with this "lifetime" material would save money in upkeep and maintenance while gaining new charm and beauty. Calling his J-M dealer, he got a price that delighted and surprised him—brought about the transformation above. By buying a Johns-Manville Asbestos Roof at the same time, he literally protected his entire home with this fireproof and rotproof material. Low



ROOFS THAT LAST . . . J-M Asbestos Roofing faithfully reproduces the charm of old weathered wood. They are fireproof; won't rot; have the permanence of stone. A Johns-Manville roof is backed by almost a century of leadership and satisfaction.



TODAY:

Planning to Build?

Learn about the new and better way to build and own a home. Houses like this (20 examples in the "Home Idea Book") can be bought as a "package" through the "one-stop" service of your J-M Dealer. As Housing Guild Headquarters he brings you the combined services of local Architects, Builders, Realtors and Financing Agents. Look for the Guild Seal



As little as \$30.00 per month (approximately), FHA plan, buys this attractive 5-room home. 25 years to pay.

monthly payments for the complete job brought it easily within his budget.

New Ideas for Remodeling—Home Building—All in One Book

To know what's really going on in the building and remodeling world today—to get the latest ideas on modern home comfort, you must get the new 1940 "Home Idea Book." This stimulating book includes ideas for transforming the exterior of your home with J-M Asbestos Shingles. Shows how you can make it more comfortable the year round and save up to 30% in fuel by insulating with J-M Rock Wool Home Insulation. It suggests economical ideas on building extra rooms in attic and basement with lovely decorative panels of J-M Insulating Board. Tells how to end the cracked-ceiling problem, etc. Also, 20 new Guildway houses and floor plans—with latest facts about modern FHA financing for new homes and remodeling old ones.

If you're planning to make repairs or improvements—or build a new house, you must have the new 1940 "Home Idea Book"! Send for your copy today!

10¢ brings this valuable book



10¢ brings you the new 1940 "Home Idea Book." Fully illustrated; very latest ideas on color treatments; remodeling; 20 new Guildway Houses with Floor Plans; home-financing facts.

J-M ASBESTOS SIDING SHINGLES have all the beauty and charm of hand-split shingles, yet they are made of asbestos fibers and Portland cement. Won't burn or rot. Never need painting to preserve them.

MAIL COUPON TODAY!

JOHNS-MANVILLE, Dept. BHG-5, 22 E. 40th Street, N. Y. C. (In Canada, address: Dept. NY, Canadian Johns-Manville, Toronto 6, Ont.)

Enclosed find 10 cents in coin for my copy of "The 1940 Home Idea Book."

I am interested in ☐ a J-M Asbestos Roof; ☐ J-M Asbestos Siding. I would also like special information on ☐ building a new house; ☐ remodeling; ☐ Home Insulation; ☐ Decorative Insulating Board.

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Lucky the bride who starts out with Wear-Ever.

She has everything in her favor. The right metal, that's friendly to food; that spreads heat rapidly to all parts of the utensil, cooks evenly; that helps preserve food values and makes foods taste better.

She's going to be one of the seven out of eight women who use Aluminum.

She has the right kind of Aluminum, too. Wear-Ever has been the standard of quality for 40 years. Designed for efficiency, convenience, beauty.

If you do not know where to buy Wear-Ever, write The Aluminum Cooking Utensil Company, 1706 Wear-Ever Building, New Kensington, Pennsylvania.



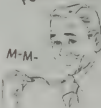
LOOK FOR THE WEAR-EVER TRADEMARK WHEN YOU BUY

Your thousand meals a year deserve up-to-date Aluminum Cooking Utensils

FOR FLAVOR

FOR HEALTH

FOR ECONOMY



Aluminum at its Best:

"Wear-Ever"

Will This Happen to Your Boy or Girl?

NOT long ago a young man of 22, a college graduate, came into my office at the Meredith Publishing Company, seeking a job.

I asked him two questions: "What type of work are you best prepared to do?" "In what kind of work would you have the greatest interest?" The boy seemed unable to answer them. Believe it or not, he said he just wanted a job and wanted us to teach him the publishing business.

IN OUR business, as in most businesses, are many kinds of jobs requiring particular abilities and qualities in the people who do them.

Writing, rewriting, and editing material for the magazine is one type of work. Testing by chemists to assure a uniformly high quality of paper and printing ink is another type. Obviously, to sell the magazine to more than 2,000,000 families requires men with sales training and sales ability. Competent salesmen are also required to sell advertising. Important is the work of researchers or fact-finders who learn from our readers what readers want published in the magazine and who also make investigations for advertisers. Then there must be artists, engineers, bookkeepers, pressmen, typesetters, book-binders, stenographers, and clerks.

COMPETITION compels every business firm to select the most competent persons for positions to be filled. Because our young friend apparently had given little or no thought to determining the type of work which he was best prepared to do, there wasn't much encouragement I could give him. He had a broad education, but during his high-school and college work he had made no effort to concentrate on subjects that would be most helpful to him, nor had he tried to apply

the basic principles of his education to specific goals.

IF YOUNG people in school will give serious thought to what their life's work is to be and will concentrate on subjects most closely related to that work, they will be better prepared for successful careers.

It is quite possible that discussions are going on in your own home now as to what your own boy or girl, or one related to you, is going to do when he or she has finished school. The young man's problem of deciding upon his lifework is of vast importance to him, to his parents, and to the immediate family that will be his in the near future.

RECENTLY, I read a book that I believe will be of very real interest and value to every parent and to every young person who has before him the problem we are discussing.

The title of the book is "Understanding American Business," published by the Macmillan Company, New York City. Besides being helpful to young people in deciding what their lifework is to be, it will stimulate thinking along sound economic lines. The book is very likely to be most interesting to you as a businessman or professional man, as an employer or as an employee, or as a teacher. It will broaden your knowledge of American life—will give you information that may have a real dollars-and-cents value to you. Public and parochial-school authorities undoubtedly will wish to include "Understanding American Business" as a required text in their courses.

SO I hope you will buy a copy of "Understanding American Business" at your bookstore or newsstand. If it isn't available there, we will be glad to fill your order at \$2.50 a copy, postpaid.

E. T. Meredith, Jr.

E. T. Meredith, Jr., General Manager

P. S. This is not an advertisement. We aren't getting a dime from the Macmillan Company for publishing this article. We are simply telling you about the book because we think you will want to read it, and to have your son and daughter read it.—E. T. M.

THE Garden Philosopher

OF THE NORTH COUNTRY

By Frazier Hunt

Author of "The Little Doc"

IT'S difficult for "The Little Doc" to do much gardening these busy times. For one thing, there would have to be a Royal Canadian Mountie on duty to keep the curious from pushing over his fence.

The modest little brick house where Doctor Dafoe has lived for twenty years sits squarely on the new highway that leads out to the mecca where the five lovely Dionne sisters play and shout their joyous welcomes to a world grown tired and a bit discouraged.

On summer days, when the weather in this north-woods country is fragrant with pine and balsam, a thousand or two cars will roll by, Quintuplet bound—and many of them will pull up at the brick house. Whole carloads of eager and curious folks will pile out to see The Little Doctor.

Time was when he tried to see them all, but you can't keep on doing that forever. Strangers would drop in at all hours of the day and night, bubbling over with a hundred and one questions. The Little Doc would try to answer them all, and repeat the story of the miracle birth of the babies, and the even more miraculous story of how they were kept alive—until he was talked out.

EVEN at this busy date—three or four years ago—he still had his flower garden behind his house and next to the side road that led from the main highway at the corner. But the blessed peace and quiet of his old gardening hours were gone. The inquisitive and admiring would line up along the fence and ask to shake hands and borrow a few of his precious minutes. Some of them would even want a little free medical advice.

"So I had to give up most of my own gardening," Dr. Dafoe explained to me a little sadly. "I still tried to get in an hour early in the morning, but they even found out about that. Gosh! If I didn't have the little girls to take the place of my flowers, I don't know what I'd do."

Flowers and five little girls! Somehow they seem to go together. But I'm sure if anyone would suggest to this humble genius

of a country doctor the fact that he was so successful in nursing along tender plants had the slightest thing to do with the fact that he was able to keep these five impossible mites alive, he'd probably say, "Tsk, tsks! Never heard such rot."

Yet there's something so incredible and providential about this whole Quintuplet story, and The Little Doctor's part in it, that this bit of fantasy might well be solid truth:

Ever since Roy Dafoe (that's what his parents and family always called him) was a little boy in the pleasant Canadian village of Madoc, a hundred miles on east from Toronto, he loved flowers. On spring and

summer days he'd whistle for his dog, Mick, and disappear for an entire afternoon. When he'd come home he'd have his arms full of bluebells, violets, and primroses, and the pockets of his overalls would be stuffed with roots.

BUSY but stern old Doctor Dafoe would be a trifle exasperated because the chores weren't done; but the slender, starry-eyed mother would pat the strange little boy on the head, and help him plant the roots, and thank him for the wildflowers.

It was largely from his artistic and sensitive mother that the boy in- [Turn to page 104



I can still prescribe gardening.... It's as subtle as the soothing power of music—only ten times more potent. Certainly one of Nature's finest remedies is the good warm earth. Just putting your hands deep into it seems to recharge your batteries like nothing else in the world. Everybody should have a garden—and work in it with his own hands.
—Dr. Allan Roy Dafoe



Northern Pacific Ry.



View from the new million-dollar Timberline Lodge, on Mt. Hood, Oregon



Mrs. Gilbert Duffy Gardens

Rain and mild climate keep the Pacific slope's gardens and parks green the year around

IT'S ALWAYS

↑
Avalanche lilies bloom on the evergreen slopes of Mt. Rainier. A country of contrasts, the Pacific Northwest embraces both arid wastelands and vegetation-lush valleys and mountainsides

White-bearded Mt. Rainier itself, and Emmons Glacier curving down its flank, in the National Park of the same name. Truly Old Man Mountain, it dominates the entire territory →





Clapp-Woolley



Apple Growers' Assn.

North Pacific Ry.



TOP: The trees grow tall on Olympic Loop Highway, near Quinault Lake. ABOVE: Sunken Gardens in eastern Washington's big town—Spokane



◆ The frosty Old Patriarch, Mt. Hood, looks down on the apple orchards in Oregon's Hood River Valley. BELOW: A wonder spot, Crater Lake, and a volcano within a volcano. Its waters are so blue you won't believe it until you learn it's 2,000 feet deep

Southern Pacific

Blossomtime IN THE NORTHWEST

NATURE is at once extravagant and benign in the Pacific Northwest.

To describe it is to talk in bright paradoxes—tropical gardens nestling under glaciers; one of the heaviest rainfall areas in the United States in the same county with a much needed irrigation system; quarter-ton fresh-water fish and quarter-ounce salt water oysters; swamps of beautiful lilies which the natives recognize as “skunk cabbage”; and arid plateaus of sagebrush and prairie dogs.

Surely the visitor to the states of Washington and Oregon must be mindful of the fable of the blind men describing the elephant, for its divers parts vary just as much.

The seeming incongruities of climate and flora are readily explained by topography. The coast, kept equitable in temperature by the warm Japan current, is drenched by rains precipitated as the warmed, moist winds from the sea are forced up over the snow-capped Cascade Mountains.

This coastal range, so sharply bisecting both states, furnishes not only a backdrop of rugged scenery, waterfalls, and ski terrain, but also completely alters the climate of the “Inland Empire.”

Mark Twain once observed that the

Aptly called the Colorful Pacific Northwest, it's a veritable procession of floral beauty amid scenic grandeur and gala festival. Visit Washington and Oregon with us

By Cecil Ostrom and Isabel Costigan

warmest winter he ever spent was the summer he spent in Seattle.

In contrast, eastern Washington is a country transformed by the seasons. The hot summer sun turns the rolling Palouse grain fields to Van Gogh yellows. As fall winds blow, tumbleweeds scamper capriciously along the highways. Winter brings snow and ice skating, two treats rarely enjoyed on the other side of the mountains. In spring wildflowers are everywhere, and even the bunchgrass is green for a brief period.

Jack rabbits skip hastily out of the way and ever-curious gophers poke up their heads to watch furtively the visitors to Coulee Dam. Even legendary Paul Bunyan and his Blue Ox might be impressed at this,

the world's largest man-made structure, taking form where the prehistoric bed of the Columbia River joins the mighty river. On this arid land, soon to be under irrigation, now bloom sand roses, cactus, pearly everlasting, lewisia, and sagebrush.

FARTHER down the tortuous course of the Columbia River, second only in size in the United States to the Mississippi, is Wenatchee Valley, world-famous for its apples. Here the local graybeards, weather prophets par excellence, consider the signs of a late or early spring and months ahead set the date of the apple blossom festival for the weeks when the miles of pink buds are the most glorious. (They never [Turn to page 55



Nothing gives your place such a freshly barbered look as well-trimmed edges along all the walks. Several tools on the market do this with no more effort from you than pushing the vacuum cleaner takes



Mowing the lawn is a pleasure when you can mow as you drive—in long, sweeping curves with no slowing down and no backing to wiggle in and out of short corners. Lay out your long border with this in mind



Clever and smart are those who never use anything harsher on their lawns than a rake that sweeps like a broom. Besides saving on work, such brooms remove only the litter, leave grass clippings for mulch

Easy Does It!

Having the tidiest, neatest, best-groomed place on

your street is a cinch if you go about it this way

... Twenty quick ideas that help a home grounds

take care of itself while you lie back in the shade

By Fleeta Brownell Woodroffe

TAKING care of your place is a snap if you take a tip from the pioneers—find the easy grade. Use your head and all the tricks. You'll reach your aim—the neatest place on the street—with breath to spare. Just try it!

The lawnmower will still have to be pushed and the weeds looked after. Bald places will come in the lawn following the doings of ants, a little dog's digging, or a small boy's play.

But let's be doing those things the easy way. And whistle while we work! None of it is serious.

The lawn's an uninteresting necessity to some people. But seed it, and feed it early before the weeds germinate, and your grass will crowd out the weeds. And it'll be beautiful! Lay it out so you can mow it in big swoops of the lawnmower that are really fun—no tight corners to push in and back out of again and again to cut a couple of feet of grass—none of that.

LOOK over the sod-edging tools. Get the one that works best for you. And work it.

Nice touches are rubber tires that snap over the lawnmower wheels and take the jar off your wrists and the clatter out of the neighborhood when you run across and along the walk. They must have been the invention of some confirmed early-morning-mower—bless him!

Grass clippers that save the knees—both



With a razor blade fixed to the end of a small bamboo pole it's easy to keep the old blooms and yellowing leaves cut off your waterlilies. You can also hook out



Crinkled wire hairpins will anchor small plants in soil pockets in walls, peg runners, fasten burlap shelters over seedlings, serve in place of string for tying,



Whisk the hoops off as soon as your peonies have bloomed and fit them over your bushy late-bloomers. This saves storing the hoops, and the hardy asters, heleni-



A real basket with a broad bottom and one stout handle to fit over your arm, and a hook or pocket on its side to hold a pair of sharp shears or cutters—these two make tidying up the border as easy as pie!



Small tools that do big deeds where space is cramped are the hand-fork with three flat tines and the hand-weeder bent to roughly half a square and sharp on both edges. With these you reach any spot



Smoother the clothesline posts with hardy, blooming vines and top them with bird-houses, and—presto, you have real assets instead of blemishes on your lawn. Arrange stout hooks to hold the clotheslines

clothed and unclothed—are another happy thought. My special aid is a big blanket of burlap which I always bring out and spread on the grass when there's new planting to do. All the soil, trimmings, and litter that accumulate when a sizable planting job is done stay right on this blanket. Then they are easily carried away to the compost heap. A rake that sweeps is another find.

Peatmoss: spread an inch deep under the evergreens saves on watering, weeding, and clipping of stray grass—and looks better, besides. Cutting the sod back neatly and far enough from trees and shrubs so the lawnmower won't clip low branches or bark the stems is right in this line.

STAKING tall plants in the border can be a game, a kind of garden solitaire. The aim is to see how well and invisibly you can do it. Certainly we can all have what we like with all the kinds of stakes on the market. And with cords, raffia, and the new plant ties you twist, why, it's done in a jiffy.

As for border edges, we all like them tidy. They'll stay that way if you edge them with crosstod boards set on edge, rough-cut limestone, bricks, or tile, or maybe a band of spicy pinks or a snowy trail of Sweet Alyssum.

But to keep the border edges thick and neat, to peg down forward branches of verbenas, Moss Phlox, periwinkle, ivy, and pinks, nothing is more useful than wire hair-

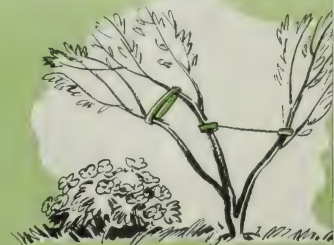
pins. You men can borrow or buy your own.

A steel rake is, early and late, the best comb for a gravel path. Big hedge shears, heavy pruners, and tree-trimmers can well be a community investment. A common handsaw does a pretty dreadful job compared with the quick, neat slicing of these tools meant for the work.

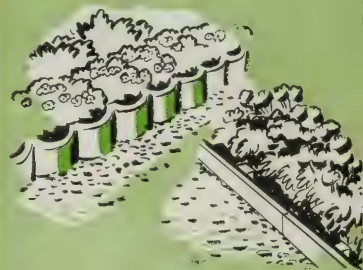
WHEN you build your outdoor fireplace, why not make it an incinerator, too? You won't be eating out—not cooking out, at least, every night. And having a place to dispose of the litter before a great pile accumulates is certainly a help in keeping the whole place tidy. You'll never get caught with a heap of trash here and another pile there when your dearest gardening rivals drop in to see the delphiniums.

If you dislike the idea of half-burned litter in the fireplace, build it with a double flue and put the incinerator on the back. Or, using brick, build a neat, inconspicuous incinerator and almost hide it with low-growing shrubs. This might simulate a well curb.

Lolling chairs are a part of easy gardening, too. You may not get on whistling as you lie back at ease. But you feel pretty satisfied and charitable toward your neighbors. It's a pretty grand feeling—to do it so easily, and yet have the neatest, best-kept place to be found anywhere up and down your street.



Friction tape makes excellent cradles for branches that droop and shrubs that spread beyond bounds. Stout cord or small wire can take the strain between. The tape is good for one full season



Edgings for garden walks keep them looking neat without your fussing with them all the time. Wood, iron, brick, stone, and plain and curved tiles are all good for separating planted areas from the path

Drawings by Jim Kelly



To keep your place always shipshape, plan for some inconspicuous incinerator where you can burn trash often with no big fire at one time to endanger house



Tho boxwood hedges aren't hardy in the North, dwarf hardy asters substituted for them give that same precise look along wall top or terrace edging. They end the



Garden glamour for grown-up girls begins with easy gloves, a floppy hat, and a gay striped apron with a leatherette section to kneel on. Doffing these in a jiffy

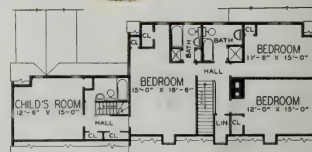
Way Out on Tory Hole Road

It's perfect for the children—out in the hills on a winding country lane

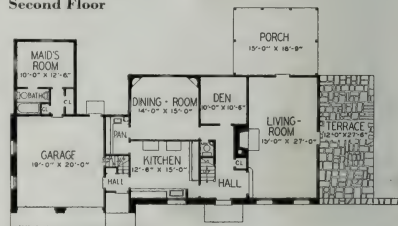
By Ellen D. Wagner



This well-designed doorway, like the windows, is recessed



Second Floor



First Floor

BANDS of detested Tories and the hated British used to hole up in a cave just a hundred yards back of the spot on which this stone-elegant house now stands.

From there they used to steal down the path that's now the road past the house and make raids upon the brave little Colonial Army. They carried off many prisoners to this "Tory Hole," whence eventually the Colonists were taken to the horrible prison ships.

That's where the road got its name, and perhaps a lot of the reason for picking this home site is that magnetic pull of historic places. But more practically, Mr. and Mrs. Harold J. Gane built here for the children.

The address is Darien, Connecticut, but it's quite a distance out from Darien—away from high-speed traffic that maims children and their pets, and away from smoke and noise and dirt—right out on the wooded hills where they've rocks and trees to climb, fields and woods to tramp, hills to coast down in winter, spring flowers to pick without daring custodian's frowns and displeasure, birds' nests to explore, and—well, maybe you were a country boy or girl yourself.

Even tho our industrial civilization has forced most of us to have to work in cities and live in or near them, often these days

we can live out and away, yet with the family car, the school bus, the speedy rural mail service, we're removed from schools and stores and business and contact with the city only by a matter of minutes. Many communities offer this fortunate situation. One of them is Darien, and the Ganes' two small sons are lucky indeed.

Matter of fact, the whole family is fortunate. This is really a darling home—convenient and comfortable, spacious, well designed, and smart-looking in a contentedly rural way, and even mildly luxurious. It settles down companionately and quite primitively with its surroundings, and its eight rooms thoroughly envelop its family in 1940 brand of accommodation.

ARCHITECT EDWARD G. WALLACE designed the home, and Roy Lester & Son built it. The plot, which foots a tree-covered rocky ridge, embraces more than an acre.

The stone of the front is complemented by the stone fence which curves around to the rear of the playyard, tying it almost naturally to the rocky slope. Sides and garage wing are cedar-shingled. The roof is black slate. White-painted walls contrast not too radically with the natural gray stone and slate-gray shutters.

Of course, the recreation area isn't only for the children. It's a natural, in fact, for adults' lawn games, for tea tables under the oaks, for garden parties and picnics, and for almost anything a large, shaded lawn is good for. Flagstone walks lead from road to entrance, garage, and side entrance.

THE living-room, down two steps from the hall, gains a cheery demeanor by way of four windows and two doors for sunshine and air delivery, pale yellow walls broken by mahogany trim, and a fireplace for winter cheer.

On down the hall is the well-stocked, luxurious bookroom—or call it a den, if you like—the fellow who drew the plans did! Upstairs, the guest is housed in the bedroom facing the road. Down one step is the children's room with its own hall and bathroom, blackboards (to save walls!) for writing and drawing, and plenty of storage-drawer space—exclusively for youngsters.

The kitchen, larger than the conventional, faces the main road; and of course it has modern built-in cabinets and cupboards, up-to-date equipment and service fixtures, formica-covered work counters, and so on down to a white-and-black rubber-tiled floor.

Incidentally, the sun [Turn to page 94



↑ Once upon a time the British and the Connecticut Tories harassed the ragged Colonial Army repeatedly from their hiding place, "Tory Hole," in the Delafield Woods. This home, located on Tory Hole Road, is scarcely a hundred yards from that historic spot, a few miles from Darien, Conn.

In these three photographs are the lawn that's a child's paradise; the stone-flagged sun porch that opens upon the play area (note the curved iron railing separating lawn from steep-sloping hillside); and the small but luxuriant and cozy bookroom, where red is the predominating color

Photographs by Richard Averill Smith



MORE Dollars and Sense in Home Planning

By Architect Kenneth Edmunds

PART TWO

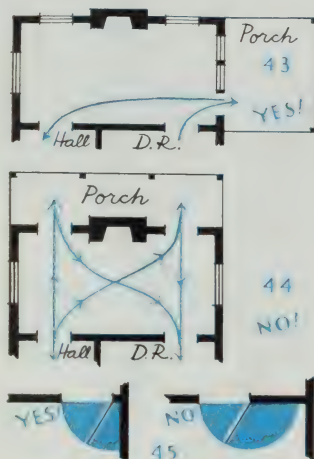
THERE'S an old saying, "You must build two houses before you get what you want." But will you then? By the time the second is finished your needs have changed radically from when the first was built.

Far better than to build two actual houses is to make a dozen or more cardboard models, then "live" in these under every condition you can imagine. Don't be cornered about the exterior of the

house, but make each floor independent of the other so you can move about blocks representing furniture-to-scale.

Mark the doors, including the space they require to swing open. Every detail is more important than you think—the location of each door and window will affect your life. The simplicity of the exterior will affect your pocketbook, and the convenience of the garage your disposition.

DOORS Their Number and Location



THE more doors to a room, the more difficult to arrange furniture and the less useful the room. The more doors, the more thru traffic and the less domestic peace. Remember also that the cost of material and labor for each door when built and painted isn't less than \$25.

In a living-room it's best to have the porch at the short end of the room so its roof won't darken the living-room much (43). One door to this porch is enough. Compare the traffic in this type of room with one having a porch door on each side of fireplace (44). Picture the difference in peace and room usefulness.

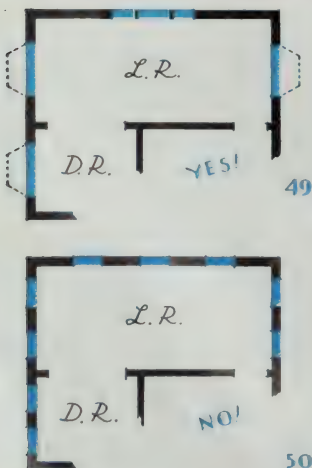
Except in the kitchen try to get all doors tucked tightly into corners (45), so that when the door opens it will swing thru an arc of only 90 degrees, not 180, and thereby use a minimum of floor space. Doors located away from a corner and badly placed may consume 10 percent of a bedroom floor-area as they swing thru arcs of 180 degrees. Floor area costs about \$5 per square foot. A door swinging in a corner uses about 11 square feet and double that when away from the corner. Poor placement costs you \$55 in wasted floor area for each door.

When two doors are adjacent in the corner of a room (46), hinge both on adjacent jambs. Put a bumper on one of the doors and no serious damage will result.

Get maximum usefulness from storage closets (47) by having a special pair of small upper doors on luggage shelves. . . . Closets in bedrooms should be located adjacent to hall doors (48) for convenience.



WINDOWS Their Number and Location



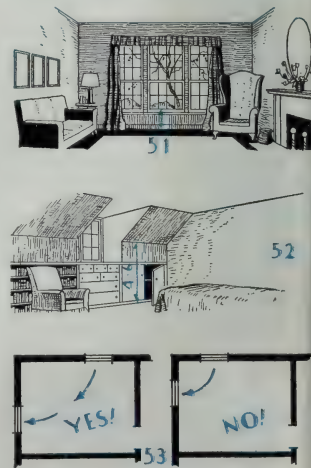
IN LIVING- and dining-rooms use a few large windows (49), rather than many small ones (50). Having a few large windows or bays leaves ample wall space for grouping furniture and permits various new arrangements when the old arrangement begins to pall; they'll cost less because the carpenter has fewer openings to build and the plasterer has broader areas to work. Having too many windows results in many small patches of wall space large enough for only a single chair.

Living- and dining-room window sills should be low (51) to encourage the illusion that inside and outside are closely akin, not divorced by a high barrier.

Kitchen windows are best located over the sink, which means sills must be 3 feet 8 inches above the floor, unless the sink has a low 4-inch splashback. Bedroom windows should be at least 30 inches above the floor, or even higher, so that furniture can be placed below the sill, particularly if the ceiling is partially sloping (52). Vertical walls flanking dormers should be at least 4½ feet high, preferably 5, with space below used for drawers and cupboards.

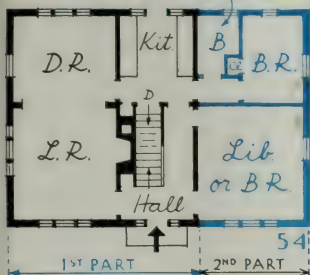
Cross-ventilation should govern location of windows, especially in bedrooms. Windows at or near a corner (53) won't be as effective as those farther from the corner. Locate windows to allow for furniture you have or hope to buy, and plan so beds will get cross-breeze on hot summer nights.

Basements and attics should have windows or louvers located to permit free air circulation on hot, humid days.



ADDITIONS

FOR 2-FAMILY HOUSE THIS BATH COULD BE ALTERED TO SERVE AS A KITCHEN

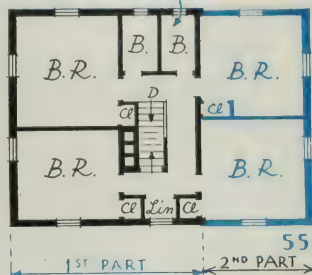


AS YOUR family grows, obviously more rooms are needed, but after a certain period the family shrinks, and fewer rooms are needed. Both expansion and contraction should be planned for because, having made a home, it's difficult to move off to another neighborhood and start afresh.

Your initial house might be as shown in black (54—first floor, 55—second floor), planned with an addition in mind (shown in color) so that nothing in the original structure would have to be altered. Doors between old and new parts would be converted from windows which had door casings extending to the floor. The extension shows a library or bedroom on the first floor, but instead the original living-dining-room could become one large living-room, with a dining-room instead of bookroom or bedroom in the new portion.

When the children have moved away to homes of their own, the house can readily be turned into a two-family affair and one half rented. Each family could have a first and second floor (in which case a new stairway would probably have to be added on the exterior), or all rooms for each family could be on a single floor.

BEFORE 2ND PART IS BUILT THIS ROOM CAN SERVE FOR SEWING OR STORAGE



EXTERIOR ECONOMIES

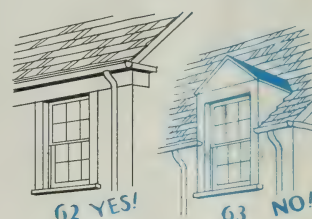
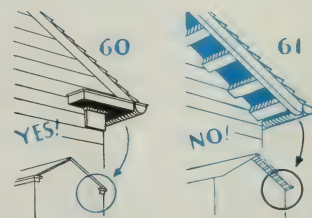


THE exterior of a house can't go far amiss following the best of Colonial precedent. Early Colonists were too busy warding off arrows and cajoling corn to grow to get far away from forthright utility. Journey by road or book thru the districts where houses built prior to 1750 still exist, and you'll see their common sense and beauty have outlasted styles and trends. Notice their doorway and window details; and congratulate yourself that they're now yours in replica by merely phoning the nearest lumber or millwork dealer for stock units (56 and 57).

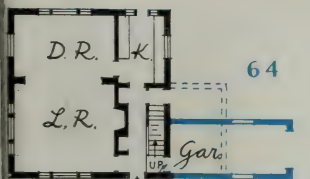
Bays often increase the apparent size and actual usefulness of a room more than any other type of addition, yet at a minimum cost. Stock window-sizes keep costs down, but your biggest economy is to have the base bracketed out from the wall rather than built on its own foundation walls (58). Both the roof and portion below the sill may well be of copper for sake of economy and graceful effect (59).

In recent years the trend has been to cut back overhanging eaves, particularly on gable ends (60 and 61).

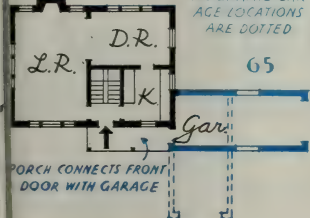
One of the best ways to save money on the exterior of your house is to do without dormers (62). The entire cornice can be built of stock materials. If your proposed house has dormers because you want it to hug the ground, try eliminating dormers and emphasizing horizontal lines instead; that will save you money and give you more second-floor headroom. Dormers cost about \$100 apiece at a minimum, and they interrupt the gutter and necessitate additional leaders. The least costly and best looking are the simplest (63).



GARAGES



IDEAL-TO ENTER MAIN HALL FROM GARAGE



ALTERNATE GARAGE LOCATIONS ARE DOTTED

PORCH CONNECTS FRONT DOOR WITH GARAGE

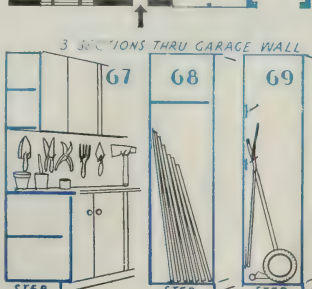
FOR fire protection, an attached or basement garage should have a cement-plaster ceiling and a self-closing metal-clad door into the house. The ceiling of a basement garage should be insulated so the floor above won't be chilled when garage doors are left open in winter. Stairs from the basement garage to the first floor should lead preferably to the main hall, not the kitchen.

It's best to have the attached garage enter the first-floor hall (64), not the kitchen or dining-room, which invites traffic problems and obnoxious odors. Instead of entering the kitchen from the garage, connect the garage and front door (65) with a porch.

Attaching the garage directly to the house costs less than building a detached garage because one wall and its footings do double-duty for both the house and garage; also, over an attached garage there can be a flat deck useful as children's play space, or the foundation of a future addition. Heating the garage is a great convenience.

A detached garage, if not too distant, can be connected to the house with simple covered passageway (66), which gives the house a widespread look.

Adding 2 feet to the width or length of the garage provides needed space for workbench with cupboards above (67), or full-length cupboards (68) for screens and winter windows below and a shelf above, or for hanging garden tools, or parking the lawn-mower (69).



The Passing of the Old Front Porch

Thousands of good-looking houses are hidden behind obsolete, shabby, and little-used porches



This resplendent kitchen has nothing to do with front porches. It represents the pleasant changes inside the Seiler home that you see above

IF YOU lived in New England, you called it the front piazza. If you lived in the Middlewest, you called it the front porch. If you lived anywhere, and wanted to be a bit different and fancy, you called it *veranda* (maybe spelled with an "h").

But in any language, or any part of the country, it was that combination landing field, official greeting platform, stitch-and-chat headquarters, and review stand that protruded, like a Ubangi's lips, from the fronts of a nation's homes. It protruded from before Civil War times up until about now, and reached its heyday about the time Teddy fell out with Taft and the Apperson Jackrabbit was the middle-class man's idea of a scrumptious motor car.

It served its purposes well—that old-fashioned front porch, and it had its adherents. Like the old backhouse, the passing of which—given some 25 to 30 years head start on the front porch—James Whitcomb Riley so rhymelessly lamented, it has its memories and I can shed an honest tear for its fade-out. Sometime maybe we'll publish the reminiscences of an old front-porch sitter.

BUT even tho you're an old die-hard front-porch lover, like myself you must admit the porch often robbed rooms of some light and air. It took up valuable space on small lots. It gave a mouth-open, funny-teeth demeanor to an otherwise graceful front. Its posts and foundations often took on a moth-eaten look at the edges where moisture or dry rot attacked first. And it prevented front-area planting which we now consider vital in setting off the architectural attributes of a house.

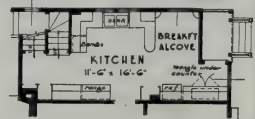
On these two pages are some interesting and salient monuments of the Passing.—B. B.



BEFORE



AFTER





BEFORE AFTER

WE STILL sit out on porches. An outdoor living area—screened or open—is as much a necessity today as ever, but we now take our relaxation a bit more removed from street view than the porch-sitters of a more leisurely age. But many is the house that's hidden under a bushel of front porch, and, like the home of Mrs. Frances E. Seiler, Reading, Massachusetts, shown over on the page at left, many is the porch that comes off. Builder Jeffrey Robbins, Reading, and Architect David Abraham, Boston, also made some alterations inside, most of which are obvious in the plans reproduced below the picture of the radically revamped kitchen.

The kitchen is really a dinette, a food storage, food preparation, and dishwashing center, and a laundry and general utility room combined. The ironer, incidentally, is housed in its own private "garage" near the entrance to the kitchen.

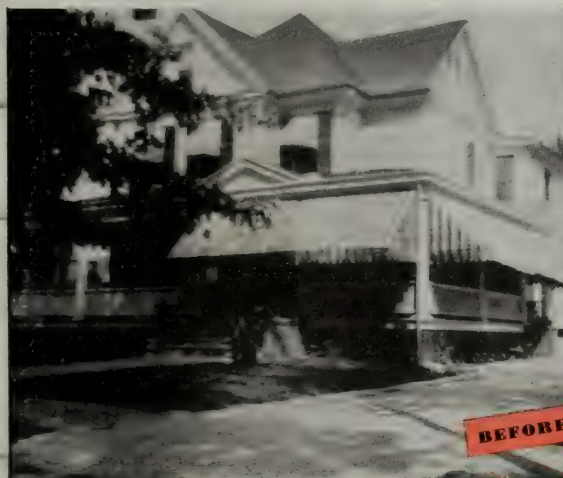
The house got complete new plumbing and heating systems, new

wiring, and new painting outside as well as thruout the interior.

Upstairs (still talking about this house on page 24) the owner obtained a larger bedroom and dressing alcove.

ALMOST pure face-lifting was the transformation pictured above—the accomplishment of Mrs. J. N. Conover, Jacksonville, Illinois, with the help of DeVault and Foote, contractors, and Laurence Crawford, lumberman. The open terrace and the elaboration of existing shrubbery team well together. It wasn't necessary to change the dormers other than painting and shuttering them to blend better with the whole. Nor was much alteration necessary on the bay—just the addition of individual headgear.

The open terrace, says the owner, has been of immeasurable satisfaction because of the much-needed daylight and the benefit of summer breezes it has brought the living-room.



BEFORE AFTER

IT'S hard to believe the two pictures above are of the same house. But it just goes to show some of the things porch-paring will do. Of course, porch-paring had nothing to do with changing the baroque-rococo gable roof to a straight two-gable, the shifting of kitchen from north to south, making a bathroom-with-linen-closet out of the old pantry, creating a new telephone room downstairs and daylighted closet upstairs where only air and part of the roof had been before—and just generally turning the place inside out and back again in better shape—an admirable achievement which it would behoove many an old-home owner to emulate.

Mrs. Daisy H. Webster is the owner of the house, but our correspondent has been Mrs. Elizabeth W. Stoelsley, East New Market,

Maryland, who lives in it and who was the inspired adherent of remodeling. Robert Wilson was the contractor.

It's really surprising what a radical change in appearance was effected by little more than porch and roof revamping.

Later on, if ever need be, this house could serve as good-return rental property. With scarcely any change, it could become two separate, attractive apartments.

* * *

So ends this story about the passing of the old front porch; but, we fear, it won't end the endless forensics from the die-hards. This little piece can only hope to prove that those old front-porchers are dangerous reactionaries!

FOR THE NORTH



Which Home-Grounds Plan Do You Like?

You may want to use a whole plan or only a pretty corner. But either way you'll make your friends gasp, "Oh, how lovely!"

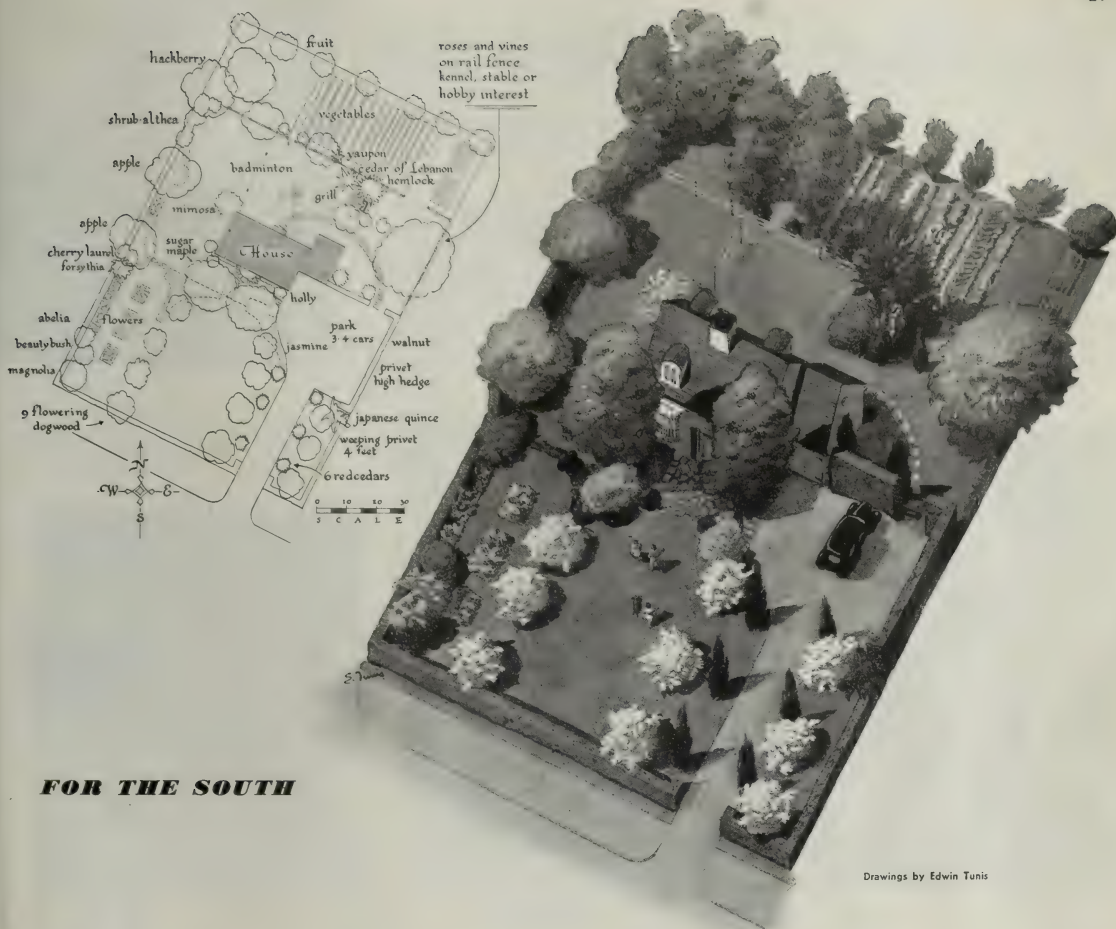
By Robert S. Sturtevant, Landscape Architect

I'M A lucky man. I practice landscape architecture up north each year until time to put antifreeze in my radiator, and then I run down south and practice all winter.

Besides saving the price of antifreeze, this keeps me primed with ideas to help you make your home grounds lovely and infinitely more livable.

On these two pages I've worked out complete landscape plans to double your living room—sound, sensible layouts loaded with the little touches that make a home distinctive.

Look at the lot above—only 55 by 75 feet. It's a common notion that once you put a house on so small a lot, there isn't any room for anything else, so the thing to do is plant a few evergreens along the foundation and let it go at that. But I've found room for a refreshing entrance, a woody path, a lawn, a terrace, flowering trees, a clothes-drying and children's play yard, a small rose garden, a small flower garden, and a border wall of shrubbery so thick you can live as you please and none of the neighbors will be looking on. You'll have to adapt these plans



Drawings by Edwin Tunis

FOR THE SOUTH

to your own site. You may want to use the whole plan or you may want only a pretty corner. You may need to change some of the plants to fit your local climate, but your local nurseryman can straighten you out.

Planting costs probably are less than you think. What it does cost is just part of completing a home, the same as putting on the roof. Your banker thinks it's such a sound investment that, when arranging a loan, he'll throw in permanent plantings as a cost of building.

Plan for the North In developing this home I kept the driveway short and level and straight so that it's convenient to get in and out of, takes little space, and costs less to surface.

You're proud of your house and want it to make a strong first impression. So in the front yard I'm not using the usual elms and maples that will some day crowd the house. I'm using, instead, flowering cherries and lilacs trained like trees—standard lilacs, they are called. They blossom in April and May and you'll love them. And I'm using squares

of evergreen pachysandra beneath the lilacs to give the yard a tidy, well-kept look.

The house already hugs the ground. It'd be a mistake to detract from its simple lines with a clutter of evergreens along the foundation. All you need is a bed of myrtle and low accents of Dwarf Yew to give a finished edge to the lawn. Later you can put in some blocks of tulips and a few geraniums for color.

You want the rear of your yard as private as your indoor living-room. So I've bordered the sides and rear with flowering shrubs growing out of beds of myrtle and brightened with touches of daffodils and daylilies at their feet. I've chosen shrubs of erect-growing habit to leave all possible space for lawn and garden. Even with that, the path leading around the side of the house is too shaded for grass. So here at the feet of the shrubs we'll develop a wild garden of ferns, hepaticas, violets, lilies-of-the-valley, and daylilies; they're all husky spreaders and will give no further trouble.

The garden lawn is so diminutive that one or two big trees would densely shade it and make it difficult or impossible to grow grass

and flowers below. We can't use big trees. But we've room for the grace of a slender birch and a Weeping Cherry, for the bold spread of a Japanese Tree Lilac and the conical density of a Swiss Stone Pine.

Naturally, when the deacon or the girls come visiting, you don't want a washing flapping on a line across the garden. You'd kind of like to keep the children's sandpile secluded, too. So I'm putting these things back of the garage, inside a trellis-inclosed yard with screening vines climbing its sides. And back of this is a small cutting or rose garden surrounded with ropes or chains stretched between posts and screened with roses climbing up them.

Plan for the South In the South, say in Tennessee, or in the

West, lots are less expensive, and you can afford a larger one. So I've put the house back from the road and have parking space for your friends in the drive. You have space, but you want the effect of more space. You want shade, but you don't want to shut off the cool breezes that come [Turn to page 94

JUNE Indoor Gardening Guide

By Fae Huttenlocher

Associate Editor, Better Homes & Gardens

WHEREVER I talk on flower arrangement, I'm invariably begged, "Won't you please show us how to arrange roses?"

Half the husbands grow roses and half the flowers from florists are roses. But the blooms are usually so heavy they pull the stems over into ring-around-the-rosy affairs and leave a depression in the middle of the vase or bowl. "What can we do about this in our rose arrangements?" people entreat.

To answer this call for help, and because, after all, you learn to arrange flowers best by studying good arrangements, we've asked noted flower-arrangement artists to arrange roses for us. The results are pictured here—roses alone and roses with other flowers. One rose to a dozen roses. Roses for every occasion. Here's proof indeed that your rose arrangements need not look the same or be just ring-around-the-rosy bowls.



Jessie Tarbox Beals

↑ This arrangement of pink roses, white narcissus, and white to red carnations in an alabaster urn is formal enough to use on a piano or mantel in an Eighteenth-Century room. It was made by Grace Coyle, Long Island



Clare Cronenwett, Monrovia, California, sends this arrangement of roses, foliage, coral, and stiff grasses. It's the right size for a dining table or console. Curly kale or lettuce may be substituted for the coral

↓ This graceful grouping by Clyde McClary is the right shape to frame a mantel mirror or picture. Plastic clay keeps flower-holder firm. Tallest stem is 2½ times width of bowl



Robert Humphreys

Here's an interesting way to arrange three roses and two vines. (The vines are morning-glories, but ivy or any firm-stemmed vine would do.) The bowl is pale yellow inside and citron outside. This arrangement, also by Miss Cronenwett, is of right height for dining table or buffet



Clyde McClary

This picture shows how one rose and two stems of any spiky flower may be pleasingly arranged. The Chinese figure is blue, and bowl pale yellow. Secure the flowers to the bowl with children's modeling clay. Arranged by Clyde McClary, Los Angeles



Richard Allen

↑ Richard Allen and William Folger, Los Angeles, suggest this simple arrangement of Talisman Roses and Maidenhair Fern in a giant ruffled clam shell placed off-center on yellow-green lacquer plaque. Rose stems are cut so roses and fern stand at slightly varied levels

Here's an unusual arrangement of two pale pink roses, orange blossoms, and ribbon grass in a delicate pink conch shell placed on disks lacquered from pale to deep chartreuse. Clare Cronenwett, head of California School of Flower Arrangement, is designer. • I find that some of the cutflower preservatives now on the market cause roses to hold color and keep longer. You'll want to try these preservatives. Try one vase with, one without, so you can see what good it does them



Robert Humphreys



JUNE Outdoor Gardening Guide

By John Van Dyke Manning

Pacific-Coast Edition

JUNE is a busy month. It's a time when many a garden relapses to drabness, while many another, with a little care, is trim and increasingly colorful as the summer passes.

You'll Be Repaid: Watering is a main issue. Just watering isn't enough—it's *how* you water. A thorough soaking twice a week or even once is better than a daily sprinkling. Cultivate afterward as soon as the ground is firm, or use a peatmoss or bean-straw mulch. With plenty of moisture below, roots reach down where they don't dry so rapidly. Water the soil, not the plants. If grading or planting is such that you must use a sprinkler, turn the pressure down so it won't flood and run away. Let it run at least 20 minutes in a spot.

Tips on Cutting Flowers: Keep old flowers picked. Violas and pansies are best picked before they wilt. As delphinium spikes finish, cut only to the upper leaves. Then when new spikes form you can remove the first-growth stub. In cutting lilies leave one-third of the stem; cut it off only when it's withered clear to the ground. Cut back Veronica Blue Spire and *V. spicata* to 6 inches after flowering and they'll bloom again in August.

Early snapdragons can be cut back now and will give a second bloom crop almost as good as the first. In San Francisco, Salem, and Tacoma, cut back straggly sunroses (helianthemum) after flowering. If cut back to hardwood, they'll come out thick and green, bloom again in the fall. Other rock plants in need of beheading are Moss Phlox, arabis, aubrietia. *Always with any plant* water well before and after sharp pruning to overcome shear shock.

Prune With Thumb: Top-ranking pruning tools and woefully neglected are the finger and thumb. By regular and intelligent use you can keep annuals, young shrubs, and vines in perfect shape with no loss of growth. Use them on giant zinnias and tall marigolds right now. To develop a well-branched plant pinch out the first bud as soon as it forms. Pinch back straggly shoots on azaleas, diosmas, and fuchsias. Pinch back young brooms to shape them; they should have as little real pruning as possible. Cut old flower heads from the lilacs as they finish bloom.

How to Cut Roses: Count to the second strong eye or leaf-joint from where the stem starts. Put the blade of your shears just above the eye (on the same side so as not to bruise it) and snip it off. Then two stems will grow where one was before. If you've not been cutting your roses go thru the garden every week or so and cut the old flowers. You'll keep your bushes in perfect condition with flowers on strong stems all thru the season and little pruning necessary next winter.

Espalier Your Climbing Roses: Hybrid-Tea climbers in the West have better flowers and stronger stems than their bush varieties. If yours are pulled straight up to flop over on the roof, you're wasting most of the flowers. They'll bloom three times as much if you espalier them. Tie them to staples driven into the wall, to a trellis, or to horizontal wires. Space the runners evenly to give each plenty of light and air and train them horizontally. Then flower shoots will spring from every leaf-joint of the canes. You'll only have to tie about twice a year. All the trimming you need to do is to remove old worn-out canes and tie new vigorous ones in their places.

Roses need plenty of water, but you can get by with one soaking a week if it's really a good

soaking. Don't cultivate more than 2 inches deep or you'll disturb roots. Give both bushes and climbers a handful of balanced plant food every 6 weeks thru the summer, scattering it well over the root area and away from the stem. A big climber may need 2 to 3 handfuls.

Los Gatos Azalea Food: Azaleas, camellias, and rhododendrons are making their growth for the whole year now and need plenty of water and food. Feed 10 pounds of cottonseed meal, 4 pounds superphosphate, 2 pounds sulphate of potash. Around Los Gatos, this seems to produce better growth and bloom than any other food. Use a teaspoonful of the mixture to an 8-inch pot, a heaping tablespoonful to a husky 4-year-old plant in the ground, or put it on the whole bed at the rate of $\frac{1}{4}$ pound per square yard. Water it in well, but don't cultivate. Feedings should be a month apart thru the growing season. In Washington and Oregon, give the last feeding the end of this month. Californians can feed again in July. Give heaths, andromedas, and gardenias the same treatment. None of these will stand cultivation as roots are very close to the surface. Best way of holding moisture is scattering a mulch of leafmold or peatmoss over the soil around them.

Lawn Feeding, Mowing: Soak the lawn down deep. Watch out for weeds. Pull them up or re-

peat the ammonium sulphate treatment explained last month— $\frac{1}{2}$ pound per 100 square feet. Mow at least once a week. Lower the roller till the mower blade cuts at least $1\frac{1}{2}$ inches high. Bermuda Grass and bengrass can be cut closer but not bluegrass, rye, redtop, or any of the non-rootcreeping lawns. Use a grass catcher. Far from thickening it, grass clippings make a lawn thin out. Don't use them for mulch either. The compost pit's the place for them.

Set Out or Sow: Set out African Marigolds and uthonias. Set out Ivy Geraniums from flats for groundcover. Set out petunias—the trailing, balcony sorts are fine for window boxes. This is the best of times to set out or sow zinnias; they thrive on hot weather. For really quick color sow little *Zinnia haageana*; it will bloom in just about a month. It's time for the last planting of gladiolus and tigrida bulbs in the Northwest. In California it's late due to danger from thrips.

Thrips Trouble: From Coronado north to Chico—all thru the hot-summery region—thrips are the worst summer pest. At Santa Barbara they've been especially bad. Tiny, pale, quick-moving insects, they attack azaleas, dahlias, rhododendrons, viburnums, roses, cherimoyas, Japanese Iris, and gladiolus. They can kill an azalea or fuchsia in a month if unchecked. Look out for the telltale whitening of the leaves; the thrips themselves are usually on the underside.

A new spray treatment is the best control for them so far. In some cases thrips have been entirely eradicated. Get regular tartar emetic from the druggist. Mix $\frac{1}{4}$ pound with $\frac{1}{2}$ pound of sugar and add 25 gallons of water. Or you can dissolve it in 1 gallon as a stock solution and mix with the rest of the water as needed. Spray all plants attacked and repeat in 2 weeks.

Guard against twelve-spotted beetle, strawberry weevil, and leaf-eating caterpillar. Dust with sodium fluoaluminat at the first sign.

Sketches by Lindsay Field



Give shrubs and other plants a thorough watering before and after pruning, to help recover from shock



Too commonly, climbing roses are trained upright so that all the blossoms come at the top and stems are bare near the base. Training shoots horizontally results in a more beautifully foliated bush and more blossoms



Ivy Geraniums are indispensable groundcover plants near San Diego, and useful for porch boxes



If you shear off the tops of snapdragons and veronicas, they'll give an excellent second crop of bloom



If you pinch out the first bud on a zinnia, you'll get a well-branched plant with many more flowers



“Young Modern” Moves In

*For the Young-in-Heart as well as the
Young-in-Years Better Homes & Gar-
dens and Marshall Field & Company
suggest this new Modern furniture*

By Christine Holbrook

Director, Better Homes & Gardens' Home-Furnishings Department

DIFFICULT to find has been Modern that can dwell happily and harmonize pleasantly with other furniture of traditional design, but here it is, at last, in these new rooms aptly called “Young Modern” but fitting to any age that appreciates the good in Modern design.

Thoughtfully and simply designed, this



furniture needs no special Modern architecture to make its effect. The pieces match in detail and finish, so they can be used interchangeably in any group of rooms. Whether your interior-decorating quartet (furniture, fabrics, floor-covering, and accessories) sings an Early American, Eighteenth Century, or Modern tune, “Young Modern” will be agreeable. If you want to “do over” or add to a bedroom, den, or dining-room, this contemporary American furniture will fit into the setting. Spring moves right in, along with “Young Modern”!

Full of fresh decorative ideas, these photographs, taken expressly for *Better Homes &*

Gardens families, are as light-hearted and colorful as June itself. There are cool grayed greens, delectable chalky pinks, lots and lots of white. There are an enchanting suggestion for summer arrangement of your fireplace, new window notions for your dining-room and bedroom, and simple, effective arrangements for accessories. Study all these ideas which you can adapt promptly to your own decorating schemes.

This furniture is ideal for Mr. and Mrs. Newlywed, with a slim budget, but taste, because it's inexpensive, good furniture to which they can make additions as their income and living accommodations increase.

**BETTER FURNISHINGS
AND DECORATING
DEPARTMENT**

Edited by **Christine Holbrook**

All photographs by Hedrich-Blessing at Marshall Field & Company



♦ The living-room has mistletoe-green walls and carpet, and furniture of golden honey-colored finish. As accents, we suggest a grayed coral sofa, prints framed with strips of mirror, a pair of wood lamps, and simple Chinese accessories. The bookcase has a tidy little desk compartment. The color of the mistletoe-green walls and carpeting is picked up in the armless fireside chairs covered in green, beige, pink, and natural checks. The wood lamps have dark green shades piped in gold. Huge turquoise glass jars filled with glossy huckleberry leaves screen the fireplace for summer. Curtains are frosty white marquisette, with lovely printed cotton draperies in green, white, and beige-pink. All very nice, we think

A joy for the home is a desk for the living-room, with file drawers for letters and bills. The top is large enough to take care of telephone and lamp



♦ Full-length windows have glass curtains of rosy-pink marquisette, ruffled over curtains of the same material. Rosy-beige two-tone is the figured carpet, and gray floral wallpaper echoes the pink note with additions of soft blue, yellow, and chalk white. White pottery lamps on twin night-stands give good reading light. The bedspread is pink quilted chintz, the chubby little chairs blue quilted saten

↑ How delightful to have guests for dinner in this room! Beige wallpaper has pastel fruit motif and carpet is gray-blue. The chartreuse curtains are edged with green and blue braid. Note the plant stand and the generous mirror above sideboard

A "bookman's corner" and den perfect for a man. ♦ It has grayed pink walls, green carpet, with water colors reflecting both shades. The sectional sofa in green homespun extends at will by adding pieces. The big corner bookcase is remarkably inexpensive

LOWER RIGHT: Ideal for a den are two chest desks (one shown open, one closed) with end bookcases, a handy place for your phone. This combination would be equally nice for living-room, den, or bedroom. The easy chair is of brown, green, and dusty pink striped crash; desk chair, green and white plaid linen. Note picture-grouping above desks

Stunning is the washable wallpaper striped pink, green, and chartreuse, with a brown jasper linoleum floor. Nice touches are the white wire shelves for plants and bits of pottery, a decorative note



CAPTIVATING GIFTS FOR HER LINEN CLOSET

MODERN GIRLS are practical souls these days, investing their dollars first in the essential values. So adding longed-for luxuries to grace linen closets or extra sheets and blankets to tuck away in the hope chest is the happy privilege of proud relatives and loving friends.

Give her the gifts you would love—but in *her* terms—yet first do a little sleuthing to discover her plans. Find out how many beds she's going to outfit, and whether they're single or double. You might remind her, as well as yourself, that the bed is the largest piece of furniture in the room, and decoratively attracts the most attention.

Give color and more color! It's the secret of successful, imaginative decoration, but remember always that white is, and always will be, the bride's color. Find out her color preferences before you choose. Is she blonde, brunette, or titian-haired? Has she a definite bathroom color scheme? Don't give a single towel or colored washcloth haphazardly, for example. If you do, don't blame anyone but yourself if she doesn't use it.

WHEREVER you can, add the personal touch of a monogram. But ask her about it first. Some brides still use the maiden monogram in true traditional style. Others have accepted the modern vogue of combining the initials of their new name. Either is correct.

And into whatever you give the bride for this enviable linen closet, tuck away tiny bags of lavender or a box of lavender sachet cubes to speed the gift on its way, and to be fragrant reminders of a thoughtful, loving giver.

1 Brides like gifts to please their future husbands. Here's the very thing—plaid blanket with satin ribbon binding. It comes in nine good colors (Pendleton Woolen Mills, Inc.)

2 Nothing nicer than an all-wool, mothproofed, pure white blanket or blankets. This one is obtainable in eight colors, including white (Pearce Manufacturing Company)

3 For bedroom-and-bathroom harmony, here's a luxurious gift box for the bride: a set of azure-colored percale sheets with matching pillow cases, and a six-piece towel set all the same color (Cannon Mills)

For the Bride

by Helen Sprackling

4 You'll covet this divinely soft, light-weight throw for yourself, as well as for the bride's chaise longue. Woven like the knitted ones our grandmothers made. It comes in delicious pastels: blue, rose, yellow, green, peach, and rose-beige, bound in matching satin (Kenwood Mills)

5 Gay sprays of leaves accented by fluffy white candlewick blossoms on a velvety cotton background make this a charming bedspread. It's sunfast, tubfast, preshrunk, and requires no ironing (Bates Fabrics, Inc.)

6 A luxurious satin down-filled comforter and matching pillow come in a wide range of delectable colors. The pillow cover is detachable, with zipper fastener, and fits any standard-sized bed pillow. If you're looking for a grand gesture for your bride, this is it! (Burton-Dixie)

7 To supplement their regular-sized bath towels, every bride and bridegroom will love this giant-sized bathsheet, 36 by 70 inches. Comes in many shades. You can really wrap yourself up in it (Martex Towel Mills)

8 Here's an exciting-looking wedding gift the bride will prize for years and years: a white quilted satin chest containing a pair of white light-weight summer blankets bound in satin ribbon. Just the right amount of cover for those summer nights. (You can have the same box with winter-weight blankets.) (Chatham Manufacturing Company)

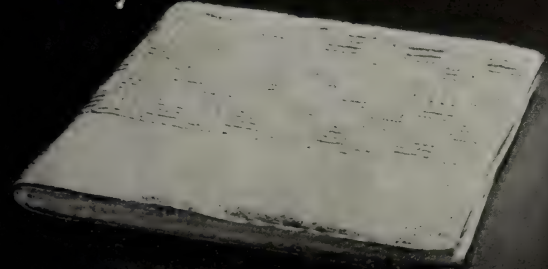
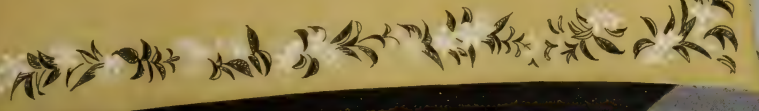
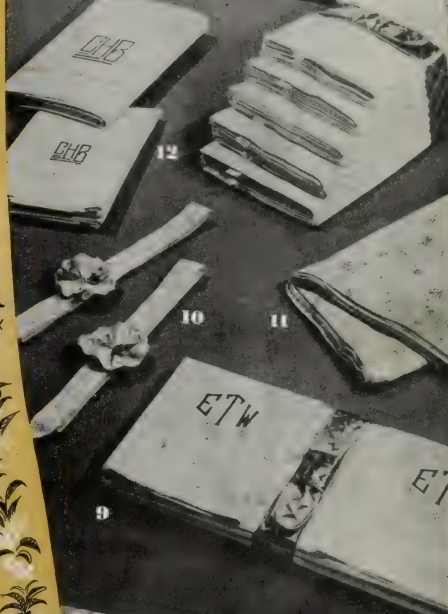
9 No new homemaker ever has enough sheets or pillow cases, so you certainly can't go wrong with a gift of a monogrammed set to the bride (Utica Sheet Mills)

10 A finishing touch to a gift would be a set of bands for the bride's linen closet. Choose silk ones like these, decorated with rosettes of white eyelet embroidery, or quilted satin ones like on the sheets above (B. Altman & Company)

11 The bride's beds should have the touch of a blanket cover. Here's a pretty one of challis with tiny rose-colored flowers on a white ground. You may add a satin monogram (B. Altman & Company)

12 Something the bride will be grateful for—percale sheets with size plainly marked on tabs. They come marked every size, from extra-wide to crib size. You have the monogram added. (Pequot Mills)

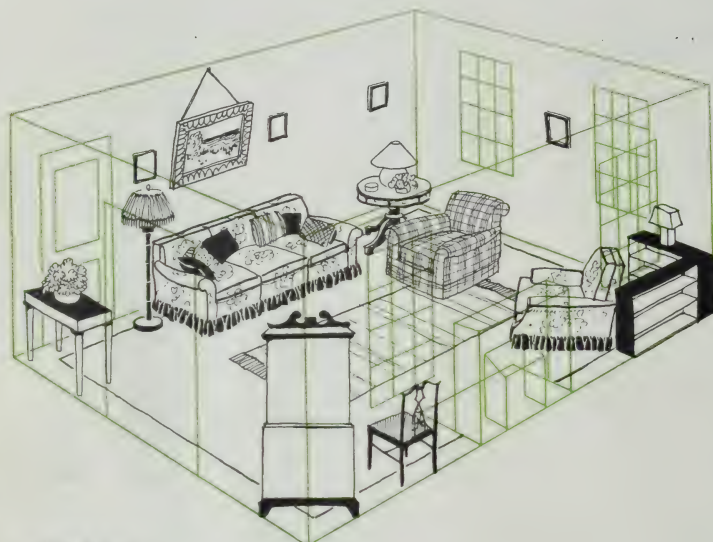
Bride's Costume, Courtesy of B. Altman & Company



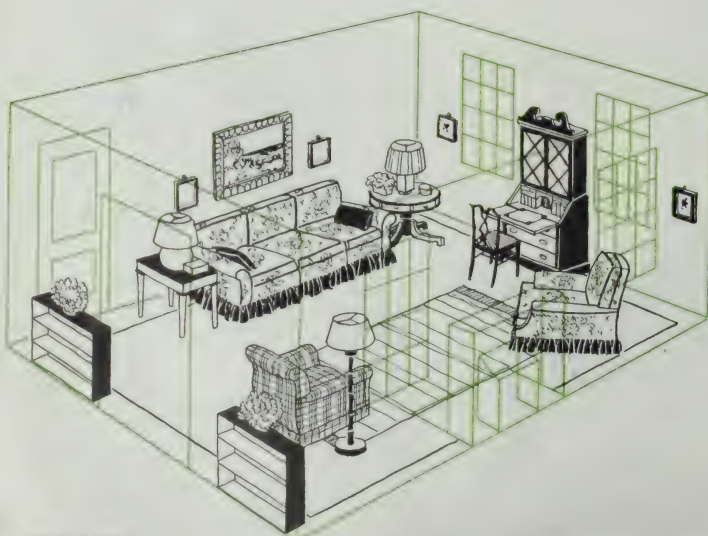
Don't Let Your Furnishings Grow Roots

*A few simple changes cost nothing, yet
may double the livableness of your rooms*

By Harry Richardson



WRONG



RIGHT

Illustrations Also by Mr. Richardson

WHAT a dreadful living-room," you're about to say. But hold a minute. It's well proportioned, with appropriate fireplace, excellent light, and ample floor space. The furniture has been carefully chosen, is well built and of good design. But you're right—the decorative effect of the room as a whole is **WRONG . . .**

. . . because the sofa is placed too near the door, cramping one end of the most important wall and leaving a gap at the other end.

. . . because the modern arrangement of the bookcase units is out of place in a traditional room, prevents the use of appropriate curtains.

. . . because the secretary, placed catty-corner, wastes floor space and offends one of the basic rules in decoration.

. . . because the pictures are hung too high on the wall, are badly spaced, and tilt too far outward at the top.

. . . because there's too great a diversity in the shapes of the lamp shades.

. . . because there are too many pillows on the couch, giving it the effect of a boudoir.

. . . because the traditional occasional table is too high for today's usage.

. . . because the rug is placed in the exact center of the room instead of being joined either to the sofa group or the fireplace group.

SO HERE is the same living-room employing the same furnishings, but rearranged so that the decorative effect is **RIGHT . . .**

. . . because the sofa is more nearly centered along its wall, with end tables at each end.

. . . because the balanced effect of the bookcases is in keeping with the traditional feeling of the room.

. . . because the secretary, rightly placed between the windows, back to wall, gives dignity to the entire room.

. . . because the pictures are properly hung at a lower level, flat against the wall, and better grouped.

. . . because the lamp shades are uniform in shape.

. . . because the formal effect of the two pillows on the sofa is correct.

. . . because the table has been cut down to the right height for a lamp table.

. . . because the rug has joined the fireplace group.

So Good Meals

AT HOME TO SUMMER Seems there are two schools of thought about summertime. We can cravenly decree that it's "too hot to eat," and collapse in a lawn chair for the duration. Or we can join the crowd that's discovered that summer's really a lovely time if we'll hide the thermometer and ignore the humidity in the fun of conjuring fresh-air meals for friends or just family. Let's serve honest-to-goodness food, but crisp, cool, and—more than at any other season—packed with palate-piquing surprises.

The gala meal across the way tastes just as grand in tree shade or up on the porch, so don't pass it by if you're minus an umbrella-topped table. It's festive enough for a garden wedding, but simple enough for the gang. Some meals below drive to picnics. Others we'll spread just for home folks when the mercury oops—when our calendar reports that it's summer.

Join us? We're going to *think* cool, *eat* cool—and, begorry, we'll be cool!—J. G.

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MEAT

Jellied Ham Loaf*
Egg Garnish

VEGETABLE

Potato Salad in
Aspic Ring*

ACCOMPANIMENT

Sliced Tomato Bowl
Assorted Sandwiches

DESSERT

Cheese-Stuffed
Peaches

NICE TO SERVE

Hot Pineapple
Kabobs
Iced Drink

How to Do: Like this bristling pineapple? Skewer cherries and spoon-size canned pineapple cubes. Brush with melted butter. Broil or pan-broil in big skillet.

Serve hot. To garnish the loaf, spread with salad dressing; mark top in thirds. Hold cardboard on lines and spoon sieved hard-cooked egg, yolk and white.

Vegetable
Veal Birds*

Creamed New
Potatoes
Beets With Greens

Water-Cress Salad
Toasted Rolls

Deep-Dish
Rhu-berry Pie*

Cucumber Chips
Iced Tea

How to Do: Don't be a fradie cat. Slice new beets, cook in small amount of water, tightly covered. They won't bleed. Add tops after beets have cooked 10 min-

utes. Rhubarb takes on all the glamour and goodness of strawberries in this dessert. As in any deep-dish pie, have filling hot before putting on the upper crust.

Southern
Barbecued Chicken*

Golden Bantam Corn
Potato Chips

Julienne Salad*
Hard Dinner Rolls

Lattice-Top
Cherry Pie

Coffee
Milk

How to Do: 'Tis a blissful flavor union—ham with chicken under cover. Rosy cherry orbs peek thru latticed pastry. Systematize your criss-crossing. Use ½-inch

pastry strips. Begin by making a big X across the pie. Place strips alongside, weave under and over. Trim; dampen; circle with ½-inch strip of pastry. Flute edge.

Ham Slices
Mustard Spread

Asparagus With
Mushroom Sauce

Red-and-White
Salad*
Vienna Loaf

Fresh Blueberry
Tarts

Iced Coffee

How to Do: Come summer, come iced coffee. Brew it double strength and pour it smack on the ice. It's up to you—cream or whipped cream dusted with cinnamon.

Running down on asparagus? Sauce it. Open 1 can condensed mushroom soup, add ½ cup rich milk, 1 teaspoon lemon juice, and 1 beaten egg yolk. Whip and heat.

Shrimp Salad
Bowl*

Hot Cheese Puffs

Toasted Rye Wafers
Nut-Bread Slices

Strawberry-Shortcake
Rings

Ripe Olives
Summer Fruit Drink

How to Do: Ever want a hot bite to serve with a cold salad? Here 'tis. Fold 1 cup grated American cheese into 3 stiff-beaten egg whites. Add a dash of red pepper;

salt. After 15 minutes drop from teaspoon into hot fat (365°). Strawberries stay put when you cut individual shortcakes like a doughnut. Use large and small cutters.

Summer Lamb
Chops

New Peas in Cream
Parsley Potatoes

All-Green Salad
Blueberry Muffins

Pineapple-Strawberry
Ambrosia

Fruit Nectar

How to Do: Not too different is the foreign accent when you dunk lamb chops in a mix of 1 teaspoon dry mustard, ½ teaspoon salt, ¼ teaspoon paprika, 1 table-

spoon vinegar, 1 clove of garlic, and 5 tablespoons salad oil. Marinate 1 hour. Broil. Small potatoes pick up fluffy parsley wisps when rolled in butter first.

Frankfurters With
Tomato Sauce

Scalloped Potatoes

Picnic Salad
Sandwich Buns

Chilled
Cantaloupe Halves

Lemonade
Hot Coffee

How to Do: Three things to make ready and four to go—this picnic. Split frankfurters to let them blot up a saucy sauce. Toss up a Chef's Salad Bowl. Remem-

ber—a salad makes or breaks by its dressing. Cantaloupe comes in its own dish. Whoops, here's company! Fill melons with red raspberries, and top with ice cream.

*Recipes for "SO Good Meals" on Page 92

Co-operating With *Better Homes & Gardens*: Lawn Furniture, Troy Sunshade Company, Troy, Ohio; Silver, Heirloom Plate, Grenoble Pattern, Onida, Ltd.; Tray, Kensington Ware; Crystal, Duncan & Miller; China, Tatman's, Inc., Chicago; Flowers, Calart, California Art Flower Co.; Paper Napkins, Dennison's; Table Arranged by Fae Huttenlocher.

Send Recipes Now for Cooks' Round Table Contest. See Pages 41 and 44.

Lady, I'll do your dishes!

**So say the dishwashers in the homes
of Better Homes & Gardens families**

By Myrna Johnston

WHAT are modern homemakers doing about dishwashing? How do they solve the old jinx? The answer came right from your own kitchens: "Dishwashers!" From East, West, North, and South came the reasons—"A dishwasher guards family health, adds precious evening hours." "Teen-age dish-doers say, 'It's snazzy.'" We chose these letters as typical replies. Listen! In all four homes it was father who insisted on having the dishwasher.

Dishwasher Quiz

Will it wash everything? From pots and pans to dried egg yolk, it will and does. Only pans with burned-on food require preliminary attention. The washer even washes itself, because the tub is seamless white porcelain enamel finish.

How about the plumbing? Not a problem. You may have a dishwasher that's part of a complete sink unit, or an individual, installed appliance. Or a portable that rolls up to the sink, fills from the faucet, empties automatically into the sink.

How does a Dishwasher work? Simply arrange the dishes in the rack. Then a flip of the switch starts the water washing away crumbs and food bits. With the next flick of the switch you've closed the drain and drawn 4 or 5 quarts of hot water. It's measured for you. This piping hot, but not boiling, water is normalized by a tablespoon of special water softener. A motor-driven impeller at the bottom of the tub forces the water in a swirling bombardment over every part of every dish. After 5 minutes of this, switch to drain. Follow with two 1-minute rinses. Open washer to allow dishes to dry swiftly by their own heat. Simple.

Is a Dishwasher safe? It's foolproof! And you can't get a shower bath. Unlatching the door at any time shuts off the current and opens the drain. Safe for dishes, too, because everything is cradled in racks. Only the water moves.

What's the operating cost? It takes just 10 to 12 minutes to wash the accumulated breakfast, lunch, and dinner dishes. The time is hardly of electrical current importance—3 to 7 cents a week. Water? Actually you use no more water than by hand-washing—often less.

Do I really need one? Do you know that for an average family of six you wash 6 tons, or 12,000 pounds, of dishes in a year? A dishwasher saves you one whole working day every week. Old-fashioned dishwashing drives youngsters from the kitchen. They cheer for dishwashers. We pledge you—a dishwasher is efficiency, not luxury.

Weinghouse



Weinghouse



Hotpoint

General Electric



OAKLAND Lovely Moraga Heights, near by to Oakland, California, is the home of Mr. and Mrs. George W. Thunen, their college-going son, and their 7-year-old daughter.

"I might as well admit it," laughed Mrs. Thunen, "I love to cook, but I'm allergic to dishwashing! My son took pity on me when he was a lad of 10, and has done our dishwashing ever since. So now he's the chief booster for our dishwasher, does the whole day's dishes for me every evening.

"Sounds odd, but if my husband hadn't been a shortwave radio hobbyist we might never have bought our electric dishwasher! When we built our home he dearly wanted a radio room, but wouldn't have it unless he evened things up by giving the kitchen a dishwasher. Our machine is a front-opener; this gives me an unbroken working surface on both sides of the sink. No special plumbing was needed."

DALLAS In Dallas, Texas, live Mr. and Mrs. W. F. Cotton, their two small children, and the pride of their kitchen—their portable electric dishwasher which shifts to a corner after use.

"I suppose it's because I'm a trained nurse that I'm such a stickler for sanitation," admits Mrs. Cotton. "That was certainly one of the main factors that sold us on our dishwasher—that and its value as a time-saver. We never towel a thing after it's been washed. I find that the saving in dollars over hiring a maid is fast paying for our washer. Too, it uses a surprisingly small amount of current. And of course there's the saving on breakage, hands, time, and doctors' bills.

"Our whole day's accumulation of dishes is done in 12 minutes. Mr. Cotton insisted on the dishwasher and now he's the one who runs it—without a murmur!"

OAK PARK "Dishwashing went on almost constantly at our house until a year ago, when my husband laid down the law and had the dishwasher installed."

So reports Mrs. Burton R. Bancroft, who, with her physician-husband and two small boys, lives busily in Oak Park, just out of Chicago. Active in civic and social organizations, president of the Oak Park Town Club Women's Board, Mrs. Bancroft entertains often.

"Our dishwasher," she explains, "was purchased primarily because the Doctor objected to hand-dishwashing. Now he points out our dishes as a shining example of sanitation every time we have guests. A new maid can learn to operate it in a few minutes."

Guests are frequent, but Mrs. Bancroft finds that even when they number from four to ten, the dishwasher handles the dishes in one or two loads. At one club luncheon of 32 guests, the whole job was done in four loads.

"After evening refreshments," says Mrs. Bancroft, "I'm back in the room before I'm missed, with no dirty dishes left for morning."

ALEXANDRIA The Robert F. Armstrong family in Alexandria, Virginia, live next door to Washington, D. C. There are five of them, and they're mighty proud of their gleaming electric dishwasher, even though they've had to place it as best they could in a 170-year-old southern kitchen!

"It just goes to show," declares Mrs. Armstrong, "that a dishwasher pays its way in an old or new kitchen. Why homemakers should buy every other piece of modern equipment and stop at dishwashers is beyond me. (Tho to be honest, it was my husband who bought our washer, all unasked!)

"Our two Girl Scout daughters are the envy of their friends because dishes at our house practically 'do themselves.' We've a steady supply of hot water, so we know that dishes come out healthily clean. Even my few pieces of fine hand-painted china have never been hurt. Usually we wash the dishes after breakfast and again at night. Home-lunchers stack their own in the machine, flip down the lid, and leave a lovely orderly kitchen for afternoon. No chips and breakage either. Dish-pan drudgery? It's just a memory!"

A-HOSTELING WE GO!



Young and old take to the open trail for keen adventure, glowing health, and a look at the beauty spots of America

By Gladys Denny Shultz

HOSTELING, famous in Europe for a generation, is now in full swing in America. Today, quite young boys and girls can travel safely thru many of the most beautiful scenic areas of our country, thanks to the hostels or overnight shelters supervised by the American Youth Hostel Association.

Located at 15-mile intervals, these rest spots are presided over by a carefully selected, thoroly responsible husband and wife, and charge the unbelievably small fee of 25 cents per night, and a nickel more for fuel. The Association takes the greatest pains to see that your youngster is safeguarded. And since he cooks his own food and travels on foot, bicycle, or horseback—all other forms of locomotion being barred—he can hostel comfortably on \$1 a day for a weekend or for a summer!

IN 1935, Mr. and Mrs. Monroe Smith, of Northfield, Massachusetts (Monroe and Isabel to all hostellers), established the first American hostel route thru the White and Green Mountains of New England.

So rapidly has the idea grown that this summer you can hostel thru the Berkshires or travel the length of the Connecticut River in a flatboat, a collapsible craft popular with hostellers. You can hostel the whole length of the Appalachians in Pennsylvania. There are hostel "loops" in the Alleghenies of West Virginia, the Big Smokies of Tennessee, the Missouri Ozarks, and the Rockies out from Denver. A chain runs clear across Wisconsin from La Crosse to Lake Michigan. Another follows the east shore of Lake Michigan thru the sand dunes, then strikes across Michigan to Ann Arbor.

YOU can see Puget Sound and the country around San Francisco the hostel way, go from Calgary to Banff afoot or on horseback—no bicycle could make that trail. There are loops thru interesting portions of Iowa and Illinois. There's a hostel shelter at Bloomington, Indiana, next door to famous Brown County. There's one at Portland, Maine, and one at Colfax, California, in the heart of the Golden State's loveliest inland scenery.

And here's something even more exciting! For \$200 your youngster can take a 10-weeks' trip across the continent and back again with a Rolling Youth Hostel. Traveling by tourist sleeper on which hostellers do their own cooking, chaperoned by responsible leaders, they cross Canada, go down the east or west coast, then back across the United States to the starting point. When a hostel loop or point of special interest is reached, out come the bicycles from the baggage compartment and hostellers are off to see the country, or to fish a Canadian trout stream, or to hunt big crabs on Puget Sound. Shorter treks sponsored by the Rolling Youth Hostel go to Mexico, Canada, or thru scenic portions of our own country.

UNTIL the present European conflicts, chaperoned American groups hosted all over Europe on their \$1 per day, plus third-class steamer fare. The dream of Monroe and Isabel was a special ship, shuttling back and forth all summer, carrying American hostellers to Europe and bringing European youths here. Some day it will come true, and the friendships thus made will play their part in international understanding and peace.

But hosting isn't confined to youth, tho naturally the majority are college or high-school students. The rules say anyone between 4 and 94 may hostel. They add, lest this seem arbitrary, that anyone is welcome who is willing to sleep on boards—straw ticks and blankets are also provided—and travel under his own power. The oldest hosteler so far registered is in his 70's. One of the most delightful hosting teams is a New York grandfather and his 10-year-old granddaughter. Many husbands and wives, often whole families, vacation this way.

The hostel headquarters is at [Turn to page 88



Want to hostel? Just send to AYH headquarters for a passport—\$1 if you're under 21, \$2 if over. Here's how you'll look as you wind up at an AYH rest spot, share your rations with fine new friends, discover the joys of a bed-in-a-barn after a long day on the trail. Be seen' you!



I was mortified when I cut that crumbly cake!



POOR little bride! Her first party—and her cake a failure!

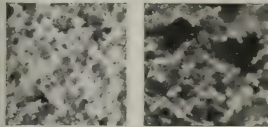
If only she had known the importance of the right baking powder. Learned why so many women who bake rely on *Royal* for dependable results every time.

You see *Royal*, made with Cream of Tartar, has a *special "steady action"* that is different from most baking powders. *Royal* begins its work the *moment* it is stirred in the batter. Thus the expansion of the batter is *continuous and even*. That is why *Royal* cakes are fine-grained...light...fluffy. Why they keep their delicious moistness and flavor longer.

Many ordinary baking powders seem to have an *explosive, uneven action*. A greater part of the expansion is delayed until the cake is in the oven. Rising is often over-rapid. It may blow the batter full of large holes. Then the cake will be coarse...dry...crumbly.

See these actual photographs of cake, magnified, and the different results:

STEADY BAKING POWDER ACTION **UNEVEN BAKING POWDER ACTION**



A Penny a Cake—that's about all it costs to use *Royal*—and you protect ingredients costing 30 to 40 times that much. Pure Cream of Tartar makes *Royal* cost more per cake—but the difference *in baking* between *Royal* and ordinary baking powders is only a *fraction of a cent!*

Remember, *Royal* is the *only* nationally distributed baking powder made with wholesome Cream of Tartar—a product of fresh, luscious grapes. Cream of Tartar leaves no acid baking powder taste. So ask your grocer for *ROYAL*. Use it whenever you bake. You'll agree it's well worth the difference in price.

ROYAL COOK BOOK FREE

If you bake at home you should have a copy of the *Royal Cook Book* which tells you how to make delicious cakes, biscuits, muffins, pies, puddings and main dishes. Send your name and address to *Royal Baking Powder*, 691 Washington St., New York City. Dept. 106.



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BETTER HOMES & GARDENS, JUNE, 1940

See Cooks' Round Table of Endorsed Recipes, Pages 45 and 46

Chocolate Topping Tops Cooks' Contest

"THE grandest chocolate goo!" Thus ineluctably chorused our experts as they sampled ice cream slathered with Regal Chocolate Sauce, this month's top winner in the Cooks' Contest announced last December for Ice-Cream Toppings and Salad Toss-Ups. Author of this smooth and yummy concoction is Mrs. Vincent Maghetti, of Atherton, California, now flourishing first-prize check of \$5. On page 45 is the recipe.

Winners, too, were 20 one-dollar Honor Rollers, sponsors of other luscious ice-cream fixings and remarkably fine tossed salads. Our favorites are on pages 45 and 46. Pine-apple-Marshmallow Sauce is a whiz from the emergency shelf. Baked Alaska sends ice cream to the oven—and no melting! A Caramel Corn-Flake Ring forms a crunchy change from meringue as base for strawberries and ice cream. There are Sunshine Fruit Salad with a zippy epic of a French Dressing; Hearty-Toss Salad Bowl that flips up a meal-in-a-bowl; Chef's Salad Bowl angled from a dining-car chef; Avocado Salad Bowl featuring vegetables and tomato soup!

Honor Roll

Mrs. June Dale, Pottstown, Pa.
Mrs. Ira E. Farmer, Thomson, Ga.
Mrs. E. M. Haglund, Jamestown, N. Y.
Mrs. W. F. Howell, Des Moines, Iowa
Mrs. F. J. Lenden, Oakland, Calif.
Theresa M. Lessmeister, Peru, Ill.
Mrs. Alvin J. Loepte, Milwaukee, Wis.
Mrs. C. McDermott, Youngstown, Ohio
Mrs. Michael McGrail, Bangor, Me.
Clara L. Miller, Lynwood, Calif.
Mrs. W. Rauber, Rochester, N. Y.
Mrs. Paul Redeker, Springfield, Ill.
Mrs. Albert H. Richardson, Erie, Pa.
Mrs. E. E. Robertson, Akron, Ohio
Mrs. R. E. Schaumburg, St. Louis, Missouri
Magdalene Sullivan, Excelsior, Minn.
Mrs. Gerald Tileston, Denver, Colo.
Mrs. R. W. Turner, Council Bluffs, Ia.
Mrs. H. R. Vincent, Lakewood, Ohio
Mrs. Florence Weipert, Clarendon Hills, Ill.

**There's Money in It—
for Fowl Cooks,
Fancy-Bread Bakers**

HERE chick-chick-chick-chick! And how about breads—holiday or otherwise fancy? That's the line-up, ladies and gents, for our culinary clash for the month of June, winners to be reported next December.

We're bidding for your most toothsome way with chicken, or/ and your most mouth-melting fancy bread, perhaps with a holiday slant. Five-dollar first-prize winner becomes Dish of the Month. To each of 20 next-bests go \$1 and a spot on the Honor Roll. [Turn to page 44

Reverse Frying Pan *Genuine Sunbrite Offers

HANDY 8 INCH SIZE
WITH DETACHABLE
WOOD HANDLE—
SANITARY!

GREAT! THAT'S
SOMETHING
I CAN USE
MYSELF!

BEAUTIFUL!
MADE OF SOLID
DUPPER! CHROME
PLATED INSIDE

I'LL GET ONE
FOR MOM...
SHE'LL LOVE IT

ever Copper and Brass
makers of this quality pan—
the most famous in the world
for cooking utensils.
ACE TURNER, household editor,
is Week Magazine, appraises this
pan as worth the advertised

This modern style, lifetime frying pan cooks to perfection because copper—a superior heat conductor—distributes heat *readily and evenly* throughout the pan, assuring uniform cooking. Chefs prefer it because it resists warping, pitting, discoloration, and eliminates many common dangers of burning and sticking. Supply is limited so act now! Tell your friends about it—and get 3 cans of Sunbrite Cleanser from your grocer today!

The Safe,
Speedy
Cleanser

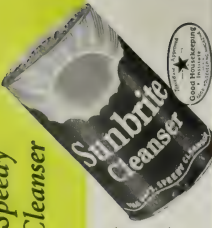
\$150 VALUE
for
only 50¢
with 3 Sunbrite
Labels

Actual chance
for a \$150 value
package more than illustrations

CLIP AND MAIL NOW!

SUNBRITE, P. O. Box 1364, Chicago, Illinois
Please send me _____
Solid Copper Reverse Frying Pans. I am enclosing
50¢ and 3 Sunbrite Cleanser labels (or 3 panels with the words "Sunbrite, the All-Purpose Cleanser") for each one.

Name _____
Street _____
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LOOK! ALL EDGES
ROUNDED INSIDE
AND OUT—
EASY TO CLEAN

YOU CAN'T BUY
IT ANYWHERE
ELSE AT THIS
PRICE!



1. Peg H., you would say, must have muscles of steel; She's got such endurance she doesn't seem real.



2. But let her wash windows, and 'round about noon She's apt to collapse like a punctured balloon.



3. Now, glancing at frail Gwennie J., you'd opine She would swoon at the thought of a window to shine...



4. Yet Gwen, using Windex, makes her windows glow And still has the pep to dance out to a show!



5. For cleaning with Windex is easy! Just listen: Spray on! Then wipe off! And your windows will glisten!



6. Such ease and convenience (you'll quickly agree) Makes Windex for windows as cheap as can be!



7. No other glass cleaner is made by the secret Windex formula! Yet at reduced prices, Windex costs but a fraction of a cent per window.

THE EASY WAY TO
MAKE GLASS SPARKLE!
WINDEX
FOR WINDOWS, MIRRORS,
PICTURE GLASS, ETC.

Get Windex at grocery, drug, hardware and house-furnishings counters. Ask about the big 20-oz. economy refill size!



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How to Sleep Cool

Simple aids for your slumbers during the hot months

By Susan Seymour

"IT'S so hot I hate to go to bed!" Sound familiar? Of course it does, because no one, really enjoys sleeping when the thermometer is flirting with the upper 90's and the bed feels like a pancake griddle.

But most of us can face sizzling temperatures during the day with fair equanimity if we can get a good night's rest. Altho we can't suggest how to achieve cold-weather snoozing luxury in the summer, we have discovered some pertinent facts about sleeping during hot weather which will help you drift off comfortably without alternately counting sheep and thumping a hot pillow.

And speaking of pillows, when it's very hot try Junior's, and you'll probably trot down to order one for yourself immediately. The small pillow gives your head some support, yet doesn't let you sink in, as does the regular papa-and-mama size. The pillow you snuggle into so gratefully when the night is nippy can be truly warm. The smaller pillow will allow a free circulation of air around your head, neck, and shoulders, which seems to reduce the general temperature several degrees.

THE mattress which so snugly hugs every curve of your body in the winter may seem just a mite too snug when the weather is warm. I wrestled with this problem myself, and arrived at a simple remedy. By using two quilted cotton mattress pads instead of one, I eliminated much of the excess warmth. Altho the extra pad doesn't affect the comfort of the mattress in the least, it does give a firmer surface, admitting a little more air in the right places.

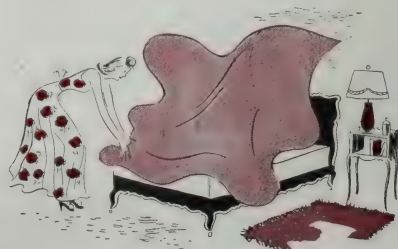
Sheets are so important that they deserve a lot more attention than we often give them. The incomparable luxury of snowy percale is just about tops in sheer comfort. And I mean sheer. Percale is much lighter in weight than ordinary muslin, and



"Let covers hang loosely. Who wants an air-tight envelope?"

is specially processed to make it feel as cool and smooth as ice cream on a hot night. If you send your household linen to the laundry, in a few months you'll more than save the slight extra cost of percale over muslin, since percale is considerably lighter. Percale wears exceptionally well because of its high thread count (number of threads woven to the square inch) and, summer or winter, is one of the best household investments you can make. If you must stick to muslin sheets, iron them as smooth as possible and make up the bed so that the ironed sides will be next to the sleeper.

THE idea of summer blankets isn't new, but it's becoming increasingly popular. Often there are nights when you need just a wisp of covering, when even the lightest winter blanket is too heavy. These zephyr-weight wool blankets, so sheer you can see thru them, come in the most delectable pastel colors you can imagine—pale lime-green, delicate lemon-yellow, peach, pink, lavender, blue, beige, and other luscious tints. In spite of their lightness, or because



"... Just a wisp of a covering ..."



"Sheer curtains over Venetian blinds discourage heat waves"

of it, they're a most effective insulation against cool night breezes that come up after you're asleep.

And light-weight patchwork and appliquéd cotton quilts are very much in vogue again, just as they were in Grandmother's day. If you don't happen to possess any of these real treasures, you'll find some very attractive and inexpensive substitutes in your favorite bedding department. Some of these are cottons printed in rare old patchwork patterns; others have tiny flowers or geometrics on pastel backgrounds. They're quilted by machine, with a light cotton filler, and are pretty enough to use as spreads in a Provincial bedroom.

IF YOU'RE an inveterate cover-tucker-inner, summon up all your will power and let it hang loosely and evenly over the sides of the summer bed. Under-sheets should be as smooth and taut as possible, but top covers ask to be loose and light. No one wants to wiggle his way into an air-tight envelope, and yanking usually ends by dislodging the covers at the foot.

When you're remodeling the bedding situation to suit warm-weather specifications, it's a good idea to cast a critical eye around the bedroom. What about that dark wool rug? It looks and feels hot to bare toes. Why not roll it up for the summer and substitute two or three cotton scatter rugs where they'll be most effective? No danger of skidding if under each rug goes an inexpensive rubber pad, cut slightly smaller than the rug. It's available in almost any rug department.

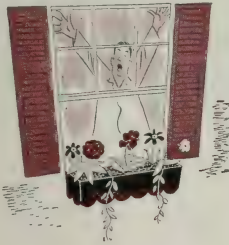
And don't stick to rugs in dark, too practical colors. Now's the time for those lovely pastels you've always coveted. Practically every type of cotton rug washes nicely; and think of the smart, cool effect of the soft colors against your shining floors. Or better still, have an all-over floor-covering, one of the handsome new fiber rugs, its interesting rough texture interwoven with Celophane or sisal. Plaids, stripes, and plain cool colors give you lots of leeway in matching your rug with your decorating scheme.

THE addition of a simple, fresh, cotton bedspread is the surest way I know of giving a summery illusion to the bedroom. You might choose crisp white or colored organdy to match your curtains. (Of course, you know that organdy now has a permanent finish which resists count-

less tubbings.) Glazed chintz, either plain or with a soft floral pattern, is always cool looking. Simple chenilles or candlewicks in white or light colors are effective, can be popped into the washing machine, and require no ironing. While you're about it, have a look at the new loomed bedspreads, the linal descendants of Grandmother's precious "coverlets." They're truly stunning, in modern as well as traditional designs, and being cotton or cotton-and-rayon, join merrily in the wash tub parade.

Sheer curtains hung over Venetian blinds are just about the coolest window treatment you can achieve.

Another summery touch is the substitution of one of those cool stick



"An exhilarating morning sight and nothing quite as refreshing—flower boxes outside my windows!"

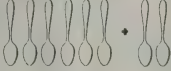

reed easy chairs for your upholstered bedroom chair. It's so comfortable and light to move that you may become so attached to it you'll want to use it the year around.

I'VE always adored outside flower boxes for bedroom windows, especially where the room doesn't look out over the garden. Bright geraniums or petunias outside, and green vines trailing from a wall pocket inside are a fresh, exhilarating sight the first thing in the morning. Awnings on east and west windows which aren't tree-shaded are pretty essential, and will keep bedrooms considerably more comfortable.

Above all, don't overlook attic insulation, certain to make your upstairs rooms infinitely cooler—but that's a story all by itself, as you know if you read "Who Cares About the Weather?" in last month's *Better Homes & Gardens*.

Brides... Read Carefully!

Community Plate

now offers 8' 
for the price of 6' 

MORE AND MORE of you want silverware in "eights." Now Community announces a price policy which gives you the eight pieces of silverware you want at the old price of six!

For instance: 6 teaspoons were.....\$4

Now 8 teaspoons are.....\$4

and all other staple pieces reduced proportionately

How can Community do this when so many other things are going up? The answer is three answers: 1. The world price of pure silver has dropped. 2. New developments in craftsmanship at Community now make possible the finest silverplate ever to bear this honored name—at lower cost. 3. The bride's increasing preference for Community Plate. (In 1939, America bought twice as much Community as in 1938.) A chance for three savings—and we're passing them along to you.

And remember: The Community Plate at the stores today is the finest silverplate that has ever borne this honored name. Every spoon, every fork, in every design and service, is reinforced with pure silver at the wear point.

No one can foretell when costs beyond our control may boost silverware prices. But today, with "8's" at the price of "6's," Community Plate is the most outstanding value your silverware dollars can command.

A 26-piece service in Community Plate is now only \$26, including an anti-tarnish chest. Six open-stock patterns. Budget terms.*

COMMUNITY PLATE

Leadership in Design Authority

And for those who are seeking even lower prices, there's **TUDOR PLATE***, also made by Community craftsmen... 26-piece service now only \$14.50.

TRADE MARK

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GRASSLAGE*

"The Wesson Salad Bar is the exciting news of the Salad Season"

-sauce Mrs. H.V. KALTENBORN

WIFE OF THE FAMOUS RADIO COMMENTATOR

"Our friends expect the latest from us. Right now I'm telling them about this delightful new twist to the Salad Bowl. It's called the Salad Bar.

"Instead of the usual buffet supper I serve a salad of greens, mixed with Wesson Oil and seasonings. From the tid-bits on the table my friends then complete their salads to their own tastes. This pleases everybody—even my most finicky guests. Everybody gets a hearty salad of his own choosing."

Try this Salad Bar idea yourself. You will find, as Mrs. Kaltenborn has, that pure, bland Wesson Oil blends perfectly with all ingredients.

A SALAD BAR

For 6 people

FIRST: Prepare and arrange on small plates or in bowls:

- | | |
|-------------------------------------|--|
| 3/4 to 1 lb. salami, cut in strips | 1 large cucumber, thinly sliced |
| 1/2 lb. Swiss cheese, cut in strips | 2 green peppers, cut in thin rings |
| 4 to 6 sliced hard-cooked eggs | 1 cup chopped celery |
| 1 lb. smoked herring, cut in strips | 1 lb. string beans, cooked & marinated |
| 4 tomatoes, cut in eighths | 1 small can artichoke hearts |

THEN: In salad bowl:

- | | |
|------------------------|--------------------------------|
| 1 teaspoon salt | 3/4 teaspoon pepper |
| 1/2 teaspoon sugar | Touch of garlic (optional) |
| 1 teaspoon dry mustard | 3/4 cup Wesson Oil |
| 1 teaspoon paprika | 3/4 cup vinegar or lemon juice |

Fill the salad bowl with chilled lettuce, chichory, or other greens broken into mouth-size pieces and toss thoroughly with the dressing.

NOW, serve a portion of the salad greens to each guest, who then places on top of his greens, his choice of the other ingredients from the side dishes. He mixes all together to get the benefit of the dressing. If he chooses, he may add more dressing.

Wesson Oil is America's favorite for salads, for waffles, for delicious vegetable cookery and for crisp, digestible fried foods. Get Wesson Oil and the other essentials for this new idea in salads at your grocer's.

THE WESSON Salad Bar
as served by Mrs. KALTENBORN

Send for FREE Booklet—"The Wesson Salad Bar"

WESSON OIL & SNOWDRIFT PEOPLE, DEPT. UU
210 Baronne Street, New Orleans, La.

Get the new booklet:
Please send me free your new booklet "The Wesson Salad Bar"—
all about the smart, new way to serve the Wesson Salad Bowl.

NAME _____
ADDRESS _____
CITY _____ STATE _____

Chocolate Topping Tops Cooks' Contest

[Begins on page 41]

Let's make it free style on chick-ens—any age, any way—fried, fricasseed, barbecued, baked, stuffed, or in pies. There'll be chicken à la King, liver or giblet specials, and don't forget the dressing recipe if your fowl is stuffed.

Breads? Here are possibilities: Swedish or German coffee breads, tea rings, rusks, English yuletide buns, Bohemian twists, Christmas orange breads, feast cakes, wreath rings, raised doughnuts, butter-scotch pecan loaves, fig-filled triangles, knots, and braids. If they've decorations or frostings, tell us about 'em.

And remember, the winners of these 21 prizes, if they specify in their recipes one or more of the products advertised in this or in the past six issues of *Better Homes & Gardens*, will receive a package of each advertised product they mention, the *Better Homes & Gardens* Certificate of Endorsement, and six copies of the endorsed recipe.

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it "June Chicken Recipe" or "June Fancy Bread Recipe."

2. Give measurements in level cups, tablespoons, and teaspoons, never in heaping or scant measurements.

3. Be sure to specify in your recipe the brand names of the nationally known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.

4. Include 50 to 100 words about the history or origin of your recipe.

5. All recipes submitted become the property of *Better Homes & Gardens*.

6. Contest closes midnight, June 30.

7. Address the recipes you enter to 7506 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines, Iowa.

When— Mom's Made a New Dessert!

Send 4 cents for this month's "Cooks' Round Table News"

MIGHT as well admit it—we women are confirmed dessert-recipe addicts. The more we have, the more we want, and the more the crowd gloats when we turn up with lovely brand new ones.

So June Cooks' Round Table News is for the family—"Desserts That Mother Made"—the cream of the lot from our recent Mother's Day Recipe Contest. Here's the roll call: Date Torte, Apple Cobbler, and Snow Pudding; Skillet Cake, Chocolate Blanc Mange, and Jam Cake; also many others.

Sound good? Are good! For "Desserts That Mother Made" send 4 cents (stamps if you like) to *Better Homes & Gardens*, 8106 Meredith Building, Des Moines, Iowa.



3 QUICK TRICKS

**YOU CAN WIN
WITH THIS SMOOTH
CREAMIER MUSTARD**

1 You'd never guess these beans are canned. The menfolks think they're simply grand!



To each can baked beans, add 3 teaspoons French's Prepared Mustard—heat thoroughly and serve.

2 Ever add French's to soup in tins? Wait till you hear the cheers it wins—



To one can tomato soup, pea soup or clam chowder, add a teaspoonful of French's, heat and serve.

3 Salmon and French's blend so well For fish days, this is simply swell



Break up canned salmon with a fork, pour over it a generous quantity of French's (a teaspoon or more to each ounce of salmon), mix thoroughly. Serve with crisp lettuce and tomatoes.

HAVE UNEXPECTED GUESTS DROPPED IN? MY GOODNESS, DON'T GET FLUSTERED! JUST TAKE A FEW CANNED GOODS AND ADD SOME CREAMY FRENCH'S MUSTARD



**MILLIONS PREFER IT—
LARGEST SELLING PREPARED
MUSTARD IN U. S. A. TODAY**

COOKS' ROUND TABLE of Endorsed Recipes*

*FED. U. S. PAT. OFF.

Ice Cream Fixings and Toppings

Avocado Salad Bowl

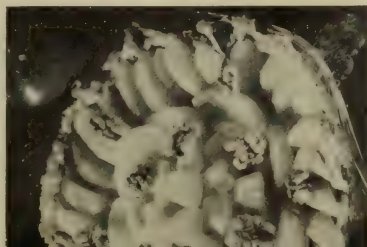
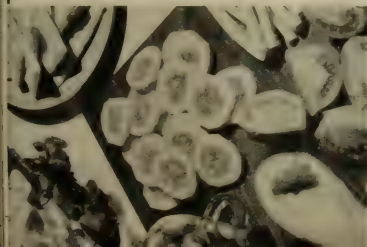
- "Surprises you with vegetables and tomato soup!"—
1 head lettuce 1 bunch radishes,
1 bunch water cress sliced
2 tomatoes, cut 1 cucumber, sliced
1 bunch green 1 large avocado,
onions, chopped cut in wedges
♦ Break lettuce in salad bowl. Add water cress in
small bunches. Arrange vegetables and avocado.
Add 1½ cup Tomato-French Dressing; toss lightly.
Serves 8. **Tomato-French Dressing:** Combine in
jar 1 10½-ounce can condensed tomato soup, 1
cup salad oil, 1 cup vinegar, 1 teaspoon each
salt, dry mustard, and paprika, 1 tablespoon
sugar, 1 tablespoon Worcestershire sauce, 1
clove garlic, and 1 small onion. Shake well.
Makes 1 quart.—*Clara L. Miller, Lynwood, Calif.*

Sunshine Fruit Salad

- "Tantalizingly tangy is this summer day toss-up!"—
6 large oranges 12 California walnut
1 grapefruit halves
1 14-ounce can pine- ¼ cup Fruit-French
apple, spoon-sized Dressing
cubes
♦ Cut down on either side of sectional membrane
of peeled oranges and grapefruit. Arrange sections
and pineapple in lettuce-lined bowl. Top with
walnut halves. Add Fruit-French Dressing; toss
lightly. Serves 6. **Fruit-French Dressing:** Com-
bine in jar ½ cup salad oil, 2 tablespoons each
grapefruit juice, orange juice, and orange pulp, ½
teaspoon each salt, paprika, dry mustard, 1
tablespoon sugar. Shake thoroughly; chill. Makes
¾ cup.—*Mrs. Gerald Titleton, Denver, Colo.*

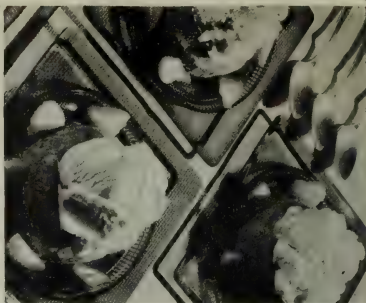
Chef's Salad Bowl

- "Chill salad ingredients till frosty!"—
♦ In salad bowl mix **Tangy French Dressing:** Rub
bowl with 1 cut garlic clove. Add ½ teaspoon
salt, ½ teaspoon fresh black pepper, 3 table-
spoons vinegar, ½ teaspoon Worcestershire
sauce, 2 drops Tabasco, 1 tablespoon prepared
horseradish, and ½ cup salad oil. Mix well.
1 head lettuce 1 bunch radishes,
2 tomatoes, cut sliced
1 cucumber, sliced ½ cup green pepper, cut
in slivers
♦ Add lettuce broken in pieces to dressing. Ar-
range vegetables over top. Season. Toss lightly.
Serves 6.—*Theresa M. Leismöller, Peru, Ill.*



Fabulo Haver

- "Smooth and yummy, it takes the crowd home for their sundaes!"—
1½ cup corn sirup 3 1-ounce squares un-
sweetered chocolate
1 cup sugar 1 teaspoon vanilla extract 1 cup evaporated milk
♦ Combine corn sirup, sugar, and water; cook to soft-ball stage (235°). Remove from
heat; add chocolate squares and stir until chocolate melts. Add vanilla extract and
stir to serve hot or cold. This should be heated over hot water for hot fudge
sundaes.—*Mrs. Vincent Maglietti, Atherton, Calif.*
For an early-summer evening—boiled chopped beef patties, new potatoes,
creamed June peas, and tossed garden salad. Dip Regal Chocolate Sauce over
velvety-smooth ice cream. Make it at home in freezer or automatic refrigerator.



Caramel Corn-Flake Rings

"Less sweet than meringues, crunchier, easier!"—

1/2 cup butter **1 quart lemon**
1 1/2 cups brown sugar **custard ice cream**
6 cups corn flakes **1 pint strawberries**

➤ Melt butter and sugar in heavy skillet; cook until mixture bubbles, stirring constantly. Place corn flakes in greased mixing bowl; pour over syrup; toss with fork. Press into greased individual pie pans or ring mold. Chill. Remove from pans; fill with ice cream and garnish with halved strawberries. Makes 8 tarts.—*Mrs. Albert H. Richardson, Erie, Pa.*

Pineapple-Marshmallow Sauce

"Young and old adore its luscious pinkness!"—

24 marshmallows **1 tablespoon**
1 8-ounce can **maraschino cherry**
crushed pineapple, **syrup**
drained **1 tablespoon chopped**
maraschino cherries

➤ Melt marshmallows in double boiler; stir until smooth and creamy. Add pineapple, cherry syrup, and maraschino cherries. Cool thoroughly. Makes 2 cups sauce.—*Mrs. J. R. Early, Baltimore, Md.*

Butterscotch Sauce (Not illustrated)

"A honey in flavor and color!"—

2/3 cup light **1/4 cup butter**
corn syrup **3/4 cup thin cream**
1 1/4 cups brown sugar

Combine corn syrup, brown sugar, and butter; bring to boiling and cook to soft-ball stage (235°). Add cream; mix thoroughly. Cool. Makes 3 cups sauce.—*Mrs. W. F. Horrell, Des Moines, Ia.*

Baked Alaska

"No a speck of melting—sail it snug!"—

2/3 cup sugar **1 brick chocolate,**
5 stiff-beaten **vanilla, and**
egg whites **strawberry**
1 layer sponge cake **ice cream**

➤ Gradually add sugar to egg whites; beat until meringue forms peaks. Cut sponge cake 1 inch larger than ice cream brick. Place on plunk, then ice cream atop cake. Spread meringue over ice cream and cake, sealing carefully to sides of cake. Bake in hot oven (400°) until light brown. Serves 6 to 8.—*Mrs. H. R. Trindle, Lakewood, Ohio.*

Photo

50
55

COOKS' ROUND TABLE of Endorsed Recipes*

*REC. D. B. PAT. OFF.

Tossed Salads



Photo: Haver

Hearty-Tom Salad Bowl

"It's a meal-in-a-bowl for a warm, juicy night!"—
1 cup cooked green beans **1 head lettuce**
1 cup cooked carrot strips **1 cup cooked ham, cut in**
1 cup celery strips **dices**
1/2 cup French dressing **2 hard-cooked eggs, sliced**
 Marinate green beans, carrot, and celery in French dressing 2 hours. Break lettuce in bite-sized pieces in salad bowl. Arrange marinated vegetables and ham, spoke-fashion, with egg slices in center. Add Nippy Mayonnaise Dressing and toss lightly. Pass split toasted rolls. Serves 6 to 8.

Nippy Mayonnaise Dressing

1/2 cup mayonnaise **1 1/2 teaspoons prepared Nippy Mayonnaise**
1 1/2 teaspoons prepared mustard **Dressing**
1/2 teaspoon prepared horseradish **2 slices cucumber pickle, chopped**
 Combine ingredients; mix thoroughly. Makes 3/4 cup.—*Mrs. Jane Tate, Pa.*

Summer's the Time to Make Place Mats



LET'S dine, snack, brunch, and breakfast on cool new place mats thru the dog days. You make them—they're easy and fine fun. Scheme several to change with your mood, your china, your eat-spot. Follow them to terrace and lawn, to dining-room or breakfast bar.

All set with tapestry needle, paint brush, crochet hook, or razor blade? Then off we go.

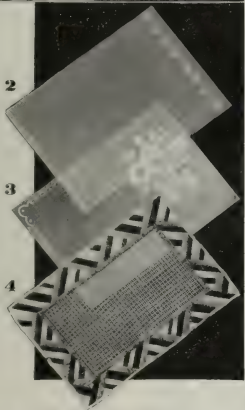
1 Crochet Mat and Runner Exquisite with your loveliest glassware and dishes, long wearing and no trick to tub, are these dainty crochet mats and runner, edged with crisp organdy or handkerchief linen. Match the border—just doubled organdy or linen strips with mitred corners—with the favored color note in your china. Truly they're beautiful, well worth the time to crochet. Center mat, 13½ by 34 inches; place mats, 12 by 18 inches.

2 Linoleum Place Mat Simple and stunning! Have your dealer cut linoleum in place-mat size—12 by 18 inches. Choose from a rainbow of singing colors—mint green, jonquil yellow, pigskin, cadet blue, turquoise, jade, Chinese red.

Plan to carve a border for one or more sides, or a monogram, or the diner's name—Mom, Dad, Bob, Ruth, Our Guest. Transfer design with carbon paper. Carve along lines with a razor blade or sharp knife held at a 30° angle. Reverse your cutting direction and over comes a thin, V-shaped strip. Run a fine line of contrasting color down the groove.

Food washes right off, ideal for young spillers. Use with linen napkins in color contrast.

For complete directions for these place mats, order by number; inclose 4c each for Place Mat Leaflet No. 1 or No. 4; and 10c each for Place Mat Leaflet No. 2 or No. 3 (with transfer designs). All four, 25c; materials aren't included. Address 5306 Meredith Building, Des Moines, Iowa.

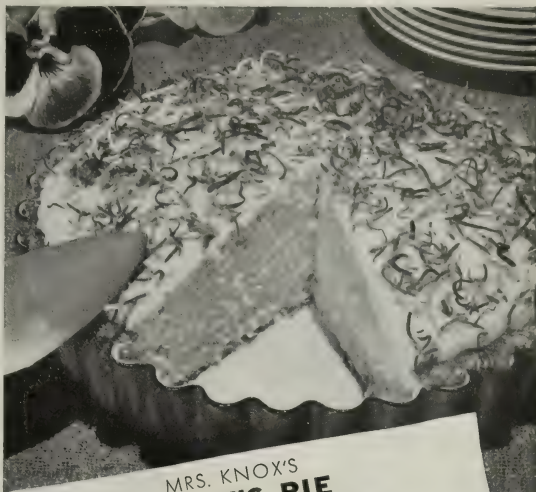


3 Plastic Flower Mat Crystal-clear! For these you need merely a sheet of the new, transparent plastic often to be found at your office-supply store or available by mail from a distributor.

Cut mat size and place over your chosen design, then paint right on the plastic with pastel lacquers, well thinned out. Mats are heat-resisting and wipe clean. Lovely with crystal dishes. To vary your luncheon scheme and change the whole atmosphere of your table, try placing these transparent mats over sheets of rose, yellow, or rainbow hues of other heavy construction paper.

4 Raffia and Net Mat These are striking background for wood dishes, heavy china, pottery. Work three brilliant raffia colors in a simple over-cast stitch on canvas border that's woven 13 squares to the inch. Mat's center is of dark ecru filet net, 6 squares to the inch.

BRIDE'S PIE—Baked on Ice!



MRS. KNOX'S BRIDE'S PIE

(Filling for one 9-inch pie—uses ¼ package)
1 envelope Knox Gelatine 3 egg whites
¼ cup cold water ½ cup coconut, shredded
3 egg yolks ¼ cup cocoanul salt
1 cup milk 1 teaspoonful vanilla
½ cup sugar 1 teaspoonful lemon extract

Soften gelatine in cold water. Beat yolks slightly with sugar. Add milk. Cook in double boiler until of custard consistency, stirring constantly. Add softened gelatine to hot custard. Stir until dissolved. Add salt. Cool. When beginning to thicken, fold in stiffly beaten egg whites, cocoanul, vanilla, lemon extract. Pour into baked pie shell or pie plate lined with thin strips of sponge-cake. Chill in refrigerator. Sprinkle with toasted cocoanul before serving. May be garnished with whipped cream. This and pastry shell add to calories.

NOTE: Don't confuse Knox Gelatine with factory-flavored gelatine desserts which are about 85% sugar. Be sure to use pure Knox Gelatine.

AND ONLY ½ THE CALORIES OF ORDINARY COCOANUL CREAM PIE! So simple to make—and so kind to your figure! That's Bride's Pie—only 245 calories in each serving compared to 519 calories a helping of ordinary cocoanul cream pie. Now you can have desserts, salads, candies that please your husband but keep your figure streamlined. Mrs. Knox's book for weight-watchers, "Be Fit—Not Fat," has dozens of recipes with ½ to ¾ less calories than ordinary dishes—even low-count butter and mayonnaise! Send for your free copy of "Be Fit—Not Fat!"



KNOX GELATINE
IS PLAIN UNFLAVORED GELATINE—NO SUGAR



Special FREE Offer Want to keep fit—avoid fat? Send for new diet principle and 30 streamlined recipes—all in the new Knox booklet "Be Fit—Not Fat." Limited edition, so mail coupon today for your copy! Also free, "Mrs. Knox's Quicksies," a booklet of recipes that are remarkable time-savers. Knox Gelatine Company, Box 86, Johnstown, N.Y.

Name _____

Address _____

Caramel Corn-Flake Rings

"Less sweet than meringues, crunchier, easier"—
 1/2 cup butter 1 quart lemon
 1 1/2 cups brown sugar custard ice cream
 6 cups corn flakes 1 pint strawberries
 Melt butter and sugar in heavy skillet; cook until mixture bubbles, stirring constantly. Place corn flakes in greased mixing bowl; pour over syrup; toss with fork. Press into greased individual pie pans or ring mold. Chill. Remove from pans; fill with ice cream and garnish with halved strawberries. Makes 8 tarts.—Mrs. Albert H. Richardson, Erie, Pa.

Pineapple-Marshmallow Sauce

"Young and old adore its luscious pinkness"—
 24 marshmallows 1 tablespoon
 1 8-ounce can marshmallow cherry
 crushed pineapple, 1 cup
 drained 1 tablespoon chopped
 marshmallow cherries
 Melt marshmallows in double boiler; stir until smooth and creamy. Add pineapple, cherry syrup, and marshmallow cherries. Cool thoroughly. Makes 2 cups sauce.—Mrs. J. R. Eady, Baltimore, Md.

Butterscotch Sauce (Not illustrated)

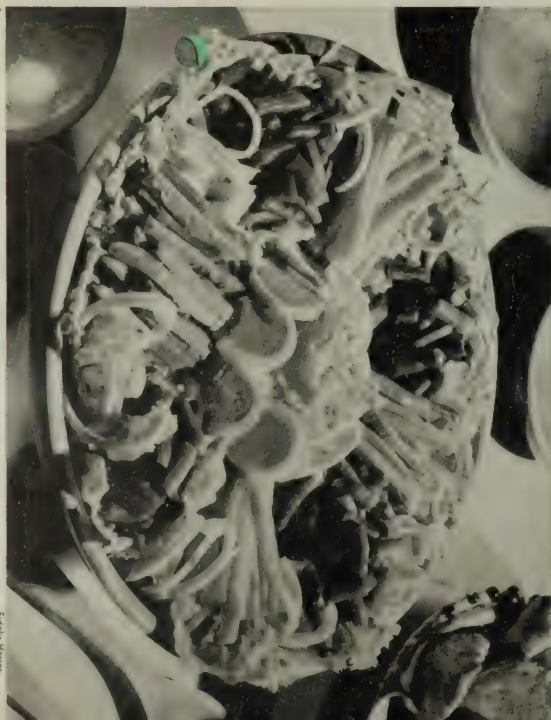
"A honey in flavor and color"—
 2/3 cup light 1/4 cup butter
 corn syrup 3/4 cup thin cream
 1 1/4 cups brown sugar
 Combine corn syrup, brown sugar, and butter; bring to boiling and cook to soft-ball stage (235°). Add cream; mix thoroughly. Cool. Makes 3 cups sauce.—Mrs. W. F. Howard, Des Moines, Ia.

Baked Alaska

"Not a speck of melting—and it smokes"—
 2/3 cup sugar 1 brick chocolate,
 5 stiff-beaten vanilla, and
 egg whites straw berry
 1 layer sponge cake ice cream
 Gradually add sugar to egg whites; beat until meringue forms peaks. Cut sponge cake 1 inch larger than ice cream brick. Place on plunk, then ice cream atop cake. Spread meringue over ice cream and cake, sealing carefully to sides of cake. Bake in hot oven (400°) until light brown. Serves 6 to 8.—Mrs. H. R. Vincent, Lakewood, Ohio.

COOKS' ROUND TABLE of Endorsed Recipes *

Tossed Salads



Freda Hunter

Hearty-Toss Salad Bowl

"It's a meal-in-a-bowl for a team, June night"—
 1 cup cooked green beans 1 head lettuce
 1 cup cooked carrot strips 1 cup cooked ham, cut in
 1 cup celery strips 1 cup cooked ham, cut in
 1/2 cup French dressing 2 hard-cooked eggs, sliced
 Marinate green beans, carrot, and celery in French dressing 2 hours. Break lettuce in bite-sized pieces in salad bowl. Arrange marinated vegetables and ham, spoke-fashion, with egg slices in center. Add Nippy Mayonnaise Dressing and toss lightly. Pass split toasted rolls. Serves 6 to 8.

Nippy Mayonnaise Dressing

1/2 cup mayonnaise 1 1/2 teaspoons prepared Nippy Mayonnaise
 1 1/2 teaspoons prepared mustard Dressing
 Combine ingredients; mix thoroughly. Makes 3/4 cup.—Mrs. Janet Davis, Pe-

Summer's the Time to Make Place Mats



LET'S dine, snack, brunch, and breakfast on cool new place mats thru the dog days. *You* make them—they're easy and fine fun. Scheme several to change with your mood, your china, your eat-spot. Follow them to terrace and lawn, to dining-room or breakfast bar.

All set with tapestry needle, paint brush, crochet hook, or razor blade? Then off we go.

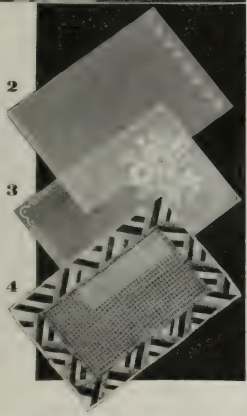
1 Crochet Mat and Runner Exquisite with your loveliest glassware and dishes, long wearing and no trick to tub, are these dainty crochet mats and runner, edged with crisp organdy or handkerchief linen. Match the border—just doubled organdy or linen strips with mitred corners—with the favored color note in your china. Truly they're beautiful, well worth the time to crochet. Center mat, 13½ by 34 inches; place mats, 12 by 18 inches.

2 Linoleum Place Mat Simple and stunning! Have your dealer cut linoleum in place-mat size—12 by 18 inches. Choose from a rainbow of singing colors—mint green, jonquil yellow, pigskin, cadet blue, turquoise, jade, Chinese red.

Plan to carve a border for one or more sides, or a monogram, or the diner's name—Mom, Dad, Bob, Ruth, Our Guest. Transfer design with carbon paper. Carve along lines with a razor blade or sharp knife held at a 30° angle. Reverse your cutting direction and out comes a thin, V-shaped strip. Run a fine line of contrasting color down the groove.

Food washes right off, ideal for young spillers. Use with linen napkins in color contrast.

For complete directions for these place mats, order by number; inclose 4c each for Place Mat Leaflet No. 1 or No. 4; and 10c each for Place Mat Leaflet No. 2 or No. 3 (with transfer designs). All four, 25c; materials aren't included. Address 5306 Meredith Building, Des Moines, Iowa.



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Cut mat size and place over your chosen design, then paint right on the plastic with pastel lacquers, well thinned out. Mats are heat-resisting and wipe clean. Lovely with crystal dishes. To vary your luncheon scheme and change the whole atmosphere of your table, try placing these transparent mats over sheets of rose, yellow, or rainbow hues of other heavy construction paper.

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 1 teaspoonful vanilla
 1 teaspoonful lemon extract

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Name _____

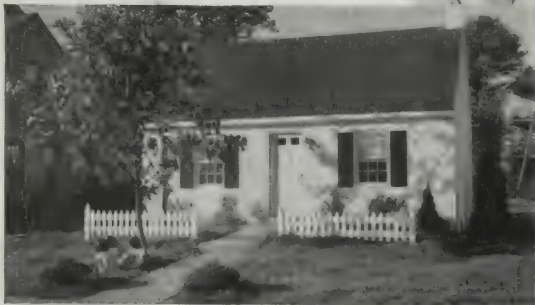
Address _____



"I want a big home...
'modern'...firesafe"



"A cottage for me
... and the cost
must be low"



These "specifications" both call for **CONCRETE**

Happily, concrete lends itself to homes of all sizes from four rooms up, and of all architectural styles whether "traditional" or "modern."

We say happily, because modern concrete construction offers so much to home-builders. Satisfying beauty and charm... a wide variety of colors and surface textures... the comforting assurance of protection from fire and storm, termites and decay... the delightful livability of a sturdy, trouble-free home that is snug and dry in winter, cool in summer.

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Ask a Concrete Products Manufacturer or Concrete (cement) Contractor (see phone directory) for names of architects and builders experienced in concrete. Write us for free booklet of concrete house design ideas.

Above: Fall River, Mass.—Architect, Samuel Glaser, Boston • Below: Hartford, Conn.—built by Maple Realty Co.

PORTLAND CEMENT ASSOCIATION

A national organization to improve and extend the uses of concrete... through scientific research and engineering field work

Easy to Make

Four Good Ways to Build a Garden Table



Easy-to-Build Items 24A, 24B, 24C, 24D. You can buy the chairs to match two of them—24B and 24D; and can make the others easily. One plan, 24C, includes the trellis detail

AWKWARD ELMERS or Ponderous People of any kind can often upset a light garden table before you can get all the coffee poured. And high winds will find the umbrella tops of even a heavy one, causing it to wobble in a most annoying manner.

Consequently, this observer of garden functions feels safe in observing that the most important requisite of an outdoor table is stability.

Agree? Then build your table sturdy—like these.

Moreover, a good table must be built to survive the onslaughts of successive rain, sunshine, snow, and hail. This means waterproof ply-

wood where plywood is used, casein waterproof glue in the joints, and galvanized screws and dowels but NO NAILS!

Perhaps some members of the household may put appearance first. These designs, executed into reality by your hands, should not displease them.

THOSE using plywood should best be painted; the trellis design could be left to weather—or all except the table top be painted white. With the green foliage it will be very effective. If you'll follow the plans carefully, you should have a table of which you'll be proud.—Hi Sibley.

► Like to build things for your garden? You can get working drawings for any number of attractive items. Just write How-to-Make Department, *Better Homes & Gardens*, Des Moines, Iowa, and inclose 10c each for plans and complete directions for the "Campeche Couch" or the "Snack Lounge"—two types of garden lounges—or for any garden table, picnic table, or convertible bench. And if you'd like a leaflet featuring any number of other items, send 6c additional for "Easy to Build" Leaflet No. m c 7.

"IT'S LIKE MONEY OFF YOUR MORTGAGE"

THE painting you don't need to do means money for something else. With Aluminum House Paint for your first coat, you save more and more as years roll on and you repaint less often than your neighbors.

Topcoats stay more elastic. First, because their oil doesn't soak through the Aluminum undercoat and disappear in the wood. Second, because moisture has a hard time getting through the Aluminum coat and causing the wood to shrink and swell. Your paint will weather evenly, will not check and crack so soon.

On new homes, use an Aluminum first coat all over. On old homes being repainted, use it where wood is exposed or where weathering is most severe, on sills and sash and on the south and west sides. Where existing paint is sound, Aluminum House Paint is unnecessary.

Write for technical advice if you have had paint troubles. Also, get the free book "15 Years Behind the Brush". PAINT SERVICE BUREAU, ALUMINUM COMPANY OF AMERICA, 2118 Gulf Building, Pittsburgh, Pennsylvania.

★ ★ ★

LOOK for the label with the silver disc and wood grain, shown below, when you buy. Paint so labeled is genuine Aluminum House Paint, made specifically for use on wood, by:

Carter Paint Company Mautz Paint &
Gilman Paint & Varnish Co. Varnish Company
Keystone Varnish Co. Mobile Paint Manufac-
The Love Brothers Co. turing Company
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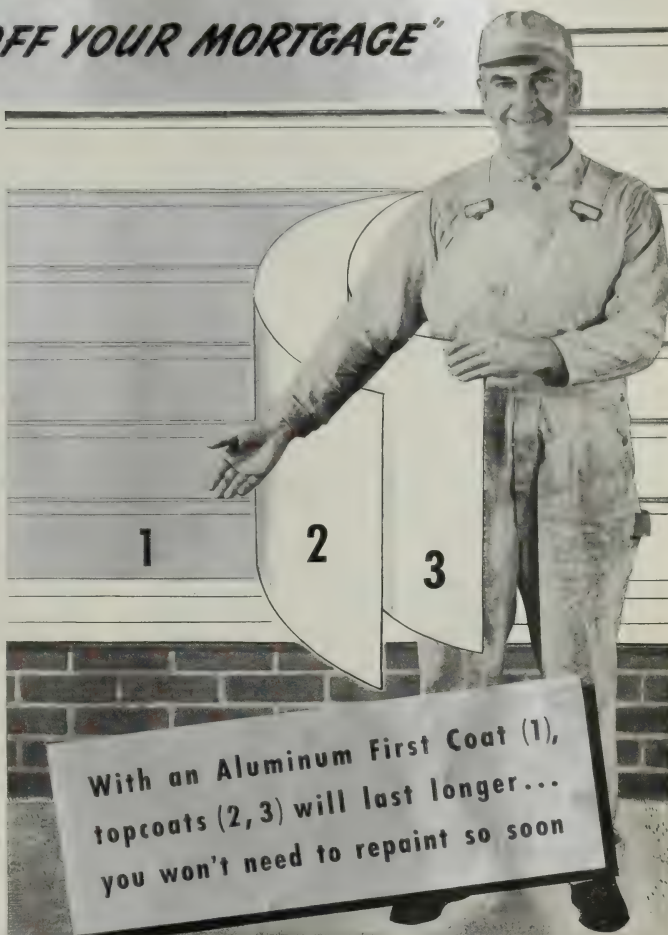


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for*

ALUMINUM HOUSE PAINT

F I R S T C O A T E R F O R W O O D



What a Difference! Test panels of Douglas fir siding after 6 years outdoors facing sun, rain and snow at U. S. Forest Products Laboratory, Madison, Wisconsin. Left, painted with ordinary type first coat and two white topcoats. Right, with Aluminum first coat and same two white coats.

KEEP COOL

— with one of these
quick-to-make tuna treats!



You always know how good they'll
taste when you use this finer tuna

Precious little fixing to these Del Monte tuna tempters. But what a welcome they get!

One sandwich leads to another. Salad successes come natural. Main-course dishes always taste like more. It's that marvelous Del Monte flavor!

Just taste the difference once. And you'll insist on Del Monte ever after! For you're sure of tuna exactly the way you like it best—firm, flaky, wonderfully inviting.

And remember, Del Monte brings you *two* delicious styles—Solid Pack and Shredded. For different needs. But *both* with the same delectable deep-sea flavor.

JUST BE SURE YOU GET

Del Monte Tuna

FOR FINER FLAVOR IN EVERY TUNA TREAT YOU SERVE



It's Fun to Swing

... When the Porch Hammock

Bousts a Sleek New Cover



For a hammock with valance, with-out canopy top, five and two-thirds yards of awning cloth are required

By Dorothea Dunlea

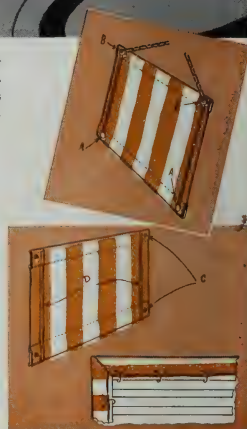
AFTER two seasons of sun and rain our porch couch-hammock was a sight! A new cover was certainly called for, but the prices asked by upholsterers sounded like a citation of the war debt.

So we tackled the thing ourselves—and found it amazingly simple and the results most gratifying. So if you've such a porch or garden hammock in need of a new frock—here's how:

First carefully measure the pad or cushion, the ends or side pieces of the swing, and the back part. Ours had no need of a canopy, as it's on a roofed porch, but if yours requires one, figure that in, too.

OUR hammock took 5 $\frac{3}{4}$ yards of 32-inch awning cloth. Thus the stripes run lengthwise of the pad and of the back, vertically on the side or end pieces. This places the pull on the strong threads in the weave.

Allow a length for the top of the pad, with a generous turnover at the ends and along the back side. Arrange for a valance to drop from the front edge of the cushion, using a strip cut from the length planned for the back part of the swing. Allow for deep hems, top and bottom, on the pieces which will form the sides of the swing. The cross bars or supports at the ends of the swing will be run thru these casings or hems, then fastened into place with bolts caught thru the metal chains that support the hammock.



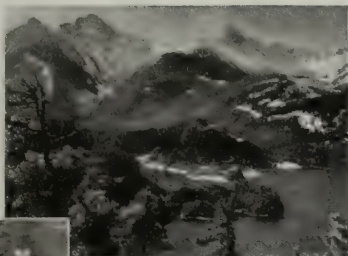
Hammock end, showing where bolts and nuts are placed after threaded thru supporting chains: A—place bolt heads on inside; B—place bolt heads on outside; C—holes punched for bolts after bars slipped into casings; D—hems for reinforcing edges; Lower picture: anchoring cover with curtain pins

After the measurements of the awning cloth are completed, make a careful survey to see how the hammock can be taken apart—and then put together again. Some bolts may be threaded inward and some outward, with nuts anchoring them where they're most out of the way and inconspicuous. Use large safety pins to mark the links in the chains thru which the bolts must be threaded in fastening the new canvas and pieces to their supporting cross bars. This saves experimentation later on. [Turn to page 110]

It's Always Blossomtime in the Northwest

[Begins on page 16]

The glacier between these peaks irrigates the famed Skagit Gardens on the other side. BELOW: 2,000 feet above permanent ice in the Olympics, the harebell thrives in cracks tho subjected to the freezing temperature every night



Diablo Lake and Columbia and Pyramid Peaks



Centuryplants in Seattle's glacier-bound Skagit Tropical Gardens, a hundred miles distant from the city



Clapp-Woolsey

Famed Bonneville Dam on the Columbia River; Cascade Range in background

miss!) In the nearby Wenatchee Mountains phlox and lewisia (especially *L. tweedii*) grow wild.

TO THE south another valley, the Yakima, again reveals the wonders wrought by irrigation. Acres of fruit trees and succulent vegetables thrive on what once was desert land. Yakima is the eastern gateway to the spectacular Naches Pass and Rainier National Park.

The slopes of "The Mountain That Was God" attract devout fishermen, active skiers, ambitious mountaineers, doughty horsemen, eager naturalists, and just plain lazy vacationists. The latter can sit in the soft comfort of the beautiful polished cedar lobby of Paradise Inn and thru powerful glasses watch the progress of climbing parties being led by professional guides to the 14,400-foot snow-capped summit. The not-so-lazy vacationist can enjoy the hilarious pastime of "tin-pants sliding" down a snow chute, or take a saddle trail to less readily accessible beauty spots.

A memorable characteristic of



The rich Puyallup Valley in Washington grows millions of daffodils and stages an annual festival. Up in Bellingham it's tulips. Down in Portland it's roses. And so on. For the Northwest likes its festivals

Mt. Rainier is the girdle of extraordinary forests at its base. Between the forests and the snow-covered peak is a belt of alpine meadow. As the snow recedes, the flowers appear. Tourists delight in sending home snapshots of Junior making snowballs with one hand and bus-



FOR a heart-warming hostess gift, the birthday, a wedding present or as a gift to your own settings, handcrafted "American" is the most versatile of all crystal patterns.

Its crisp, diamond-like brilliance blends gracefully with either colonial or modern settings. You'll find the genuine

"American" at your dealer's; in over 200 open stock items, or complete service sets that make the simplest meal an impressive feast. A lot or a little exquisite "American" is amazingly inexpensive.

Write for our folder 406, Fostoria Glass Company, Moundsville, West Virginia.

FINEST



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PERSONAL cleanliness—the first law of health—quickly becomes a habit with children when there's instant hot water available for bathing. Hotpoint Electric Water Heaters takes care of every household need—bathing, laundering, cleaning—with amazing economy. It's dependable, safe and entirely automatic. Smartly styled models for kitchen or basement installation. Easy to buy on Hotpoint's friendly finance plan. Before you build or modernize, send coupon for free booklet.

Hotpoint Water Heater Better in 6 Big Ways!

1. **SAFER**—No matches, flames, fumes, or danger!
2. **CLEANER**—No soot—no fuel dirt.
3. **FASTER**—Calrod Unit—immersed in water—transfers heat faster.
4. **DEPENDABLE**—Thermocouple controls temperature automatically.
5. **THRIFTY**—Heavy insulation reduces heat leakage—assures low operation cost.
6. **BEAUTIFUL**—Styled to harmonize with the modern kitchen.

Investigate low electric water-heating rates in your locality!



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RANGES • REFRIGERATORS • WASHERS • IRONERS
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5613 W. Taylor Street, Chicago, Illinois
Kindly send me full details about the Hotpoint Electric Water Heater.

Name _____
Address _____
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MAIL COUPON NOW!

It's Always Blossomtime

[Continued from preceding page]

ily picking flowers with the other.

Among the first to defy the snow in mid-June are avalanche lily, glacier lily, Western Anemone, and white marshmarigold. The later ones, generally more colorful, are at their height the last week in July and the first week in August. While botanists have found 365 varieties of wildflowers here, any gardener can



For the benefit of Wenatchee's gala Apple Blossom Festival, please note delicious apple blossoms in the tree

identify the saxifrage, lupine, violets, buttercups, phlox, asters, and blue gentian, whose blooming in mid-August marks the end of the short season.

Swooping down the mountainside from Paradise Valley past Indian Henry's Hunting Ground, one of the gauchiest of the alpine meadows aglow with deer tongue, Indian paintbrush, monkeyflowers, red, white, and yellow heather, the road leads to placid Puyallup Valley. Here the waters of one of Mt. Rainier's twenty-six glaciers have deposited a fertile soil, and prosperous farmers reap rich harvests of berries and bulbs.

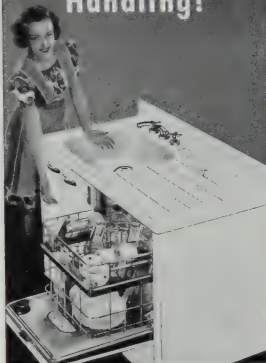
A map of the northwestern corner of the nation looks like the corner had been lifted out, jig-saw puzzle fashion, and a piece of Canada had slid part way in. What on the map looks like the jagged edges for the missing pieces are really the 1,600 miles of shore line of a beautiful inland sea.

FROM Puget Sound and the Straits of Juan de Fuca many thriving ports carry on their ocean commerce with Alaska, the Orient, and the rest of the globe.

Lakes, as well as a fronting on Puget Sound, account for the 195 miles of waterfront within Seattle's city limits. The ever-varying vistas from its seven hills add to the charms of many outstanding gardens and the active membership in numerous garden clubs indicates the interest in general gardening in the Northwest.

The University of Washington Arboretum in Seattle is a project which compares favorably with Boston's Arnold Arboretum. This 267-acre garden spot can be appreciated

SAY GOODBYE TO BOTHERSOME DISHWASHING and Garbage Handling!



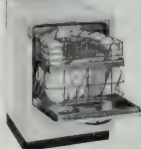
New Hotpoint Electrasink Washes All Dishes, Disposes Of Garbage For A Few Cents A Day!

NOW tiresome, beauty-robbing hand dishwashing and unsanitary accumulation of garbage are banished by the amazing new Hotpoint Electrasink! Dishes are washed hygienically clean by a radically new method. Food waste is flushed away instantly before it becomes garbage. You save an hour a day for a few cents operating cost!

Consider These Facts Before You Build Or Modernize

1. **ENHANCES VALUE OF YOUR HOME**—Protects resale value by adding last word in modernity to your kitchen.
2. **DISHWASHER SAVES TIME AND TROUBLE**—No hand-washing, no rinsing or drying of dishes necessary.
3. **PROTECTS HEALTH AND BEAUTY**—No unsanitary accumulation of garbage. No "dish-pans" hands.
4. **COSTS ONLY FEW CENTS A DAY**—Records show operating cost is less than 15¢ a week.

Installation can be made in same space occupied by ordinary sink. If you are going to build or modernize your kitchen, mail coupon for full information about Hotpoint's Electrasink. Dishwasher or Waste Exit can be furnished separately. Available on easy payment plan.



Hotpoint

ELECTRASINK • DISHWASHERS
RANGES • REFRIGERATORS • WATER HEATERS
CLOTHES DRYERS • WASHERS • IRONERS

Edison General Electric Appliance Co., Inc.
5613 W. Taylor St., Chicago, Ill.
Kindly send me full details about Hotpoint Electrasink.

Name _____
Address _____
City _____ State _____

MAIL THE COUPON TODAY!

by all people, irrespective of how much or how little they know about plant culture and botany. Taking advantage of ideal climatic conditions, the two outstanding developments are Rhododendron Glen, a natural valley of nine acres; and Azalea Way, a grass walk three-quarters of a mile long, planted on both sides with many varieties of azaleas. Flowering cherries blend the azalea planting into the background of native evergreens. The rock garden is beautifully laid out and is planted in part with native alpenes, especially lewisia—typical of the northwest mountains—phyllodeuce, and pentstemon. Another gardener's must in Seattle is Mrs. Gilbert Duffy's garden, an example of fine planning in an unparalleled location overlooking the Sound.

PROBABLY the northernmost outdoor tropical garden in the world is thriving at Skagit Project, sponsored by Seattle's City Light, in Mt. Baker National Forest near the Canadian boundary. Lush tropical plants, partially protected from the harsh mountain winter by clinging close to the south slope of a rock-rimmed canyon, are rapidly forming a small jungle. Most of these plants have been donated by friends. The rock garden is bright with native flowers, and as the trails are banked with alpenes and ferns, the guides gladly assist the visitor to obtain any he may wish to transplant.

Numerous ferry lanes connect the highways of western Washington. One of the most interesting ways to approach the Olympic Peninsula is by a boat which plies the San Juan Islands—scene of the "War of the Pig" in 1851, when a hog, shot for rooting in a neighbor's garden, caused an international incident and involved Great Britain and the United States in a localized war.

THE Olympic Loop Highway skirts the water's edge along Hood's Canal, a long thin arm of Puget Sound; looks across the Straits of Juan de Fuca to Vancouver Island and Victoria, British Columbia, its picturesque capital city; traverses the length of blue Lake Crescent; and crosses over rushing mountain rivers bearing such mouthsome names as Humpulips, Hama Hama (Siwash for Smell Smell), Dosewallips, and Duckabush. This is the rhododendron [Turn to page 60]

Portland Cham. of Com.



Portland is proud of her roses—and the Rose Queens, both junior and senior, seen here (1939) on review



"I never knew...!"

"I NEVER KNEW you could buy that handsome Chrysler Royal sedan for \$995, delivered in Detroit!

"I never knew there was a low-priced Chrysler that big, that roomy, that powerful!

"I'd gone along buying the same car again and again... and now I know I could have gotten more for my money in a Chrysler. I certainly wish I'd changed sooner.

"There's a whale of a lot of satisfaction in Chrysler's get-up-and-go. That 108 horsepower engine is Chrysler's new *High-Torque* engine... and that means you can pick up like chain lightning, take

hills like a jack-rabbit. And say, does it save gas... it actually burns less than my old car did with much less horsepower.

"Take the matter of room. All the difference between just room to sit and room to stretch out and relax. And interior beauty—such a wide selection you can just about suit your individual taste... I did. Those Easy-Entry doors are a swell idea, too... wide as house doors.

You can relax in luxury in this great, roomy interior... 51-inch seats... ample shoulder room, head room, leg room.



You'll like Chrysler's Easy-Entry doors... wide as house doors.

"Chrysler's scientific weight distribution and Aero-type shock absorbers make all roads seem smooth. And that Plastic Enamel finish is grand... never dulls, just gets better with age. Then there's Super-finished parts—smooth to as little as a millionth of an inch, tin-coated pistons and dozens of other things to make driving pleasanter and save money. It sure is true that *you get the good things first from Chrysler!*

"Take my tip. Whatever car you drive, see your Chrysler dealer. He'll give you a whole new idea of how much your dollars can buy!" * * *

* Tune in on Major Bowes, CBS, Thurs. 9 to 10 P.M., E.D.S.T.
* Delivered in Detroit, Federal tax included. Transportation, State and Local taxes, if any, extra. Dual Horns and Cigar Lighter additional.

Hidden beneath Chrysler's easy, graceful lines is this enormous luggage locker... easy to get at, lighted by the tail lamps.



* BE MODERN — BUY CHRYSLER!

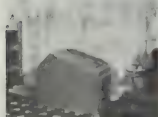


"I'll Tend Your Furnace Day and Night

**... and Pay My Own
Wages in Fuel Savings
and Better Heating"**



"3 minutes a day is all the attention my Iron Fireman requires," reports Arthur E. La Casse, Bywood, Pa., shown above with his daughter, Shirley Ann.



Mr. La Casse built a modern recreation room around this Iron Fireman stoker; giving the children a clean, warm and safe place to play.



No coal shoveling. The Iron Fireman Coal Flow stoker feeds coal directly from the bin.



See the new self-heating, self-regulating Iron Fireman space heater (left) and the Winter Airconditioner (right).

Set the thermostat—let Iron Fireman do the work! This mechanical marvel will take complete charge of your heating plant, keeping the temperature in your home just where you want it, 24 hours a day, no matter how the weather changes outside. You can lie abed later in the morning—for Iron Fireman will free you from the chores of fire-building, grate-shaking and draft adjusting. And no longer will you need to run up and down stairs all day long to "nurse" the furnace; for Iron Fireman requires only a few minutes' attention just once a day.

Now ANY Size Home Can Enjoy Iron Fireman Self-Regulating COAL Heat

Greatest home-heating news of the year is the introduction of the Iron Fireman for small homes. There is now an Iron Fireman built for every size home, as well as for commercial

buildings and industrial power plants. Don't wait longer for automatic heating. See the new Iron Fireman today—or mail coupon for full information and copy of "Which Fuel, Which Burner."

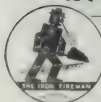
NOW LOW AS
\$179⁵⁰
plus
freight and installation
Local Flow \$226
Terms as low as \$5.93 a
month with small down
payment. (Slightly
higher in Canada.)



The HEART of Home Comfort is the Iron Fireman COAL Fire... a different and better fire than can be made from any other fuel in any other way. Fired off of live coals is under constant thermostatic control. The Iron Fireman fire never goes out; no "pop-on, pop-off"; there is always a steady flow of mellow warmth that is the very heart of comfort.

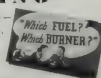
IRON FIREMAN

AUTOMATIC COAL HEATING



IRON FIREMAN Mfg. Co., Portland, Oregon; Cleveland; Toronto.
Mail to 3514 W. 106th St., Cleveland, Ohio.
Send free copy, "Which Fuel, Which Burner."

Name _____
Address _____



Coupon may be
pasted on 1c postal

FOUND: a Room



BEFORE

Across the entire back of our house, facing the garden patio, was a bare, uninteresting, screened porch



AFTER

No wonder we made little use of our porch that first year. Even the chairs felt lonely, out of place

By Ruth Jeffrey

WE LIKED our little home from the first. It was ideally located, as modern as a late war bulletin, well heated, well lighted, and perfectly equipped. Its friendly front wins admiring glances from even the most casual passers-by—but its inclosed patio in the rear is the joy of our privacy-loving hearts.

Across the entire back, facing the patio, is a screened porch. This opens into both living-room and large bedroom thru French doors, while a conventional screened door leads into the patio at ground level.

During the first year we occasionally sat in the smart chromium-leather chairs which we bought for our porch, enjoyed an after-dinner chat, or speculated on the growth of our patio-plantings. But that was just about all the use this delightful

open-air living-room had until the lure of the outdoors became so potent that we just couldn't any longer be blind to our porch possibilities. Now we eat, sleep, laze, read, and entertain there—and wonder where our powers of visualization were before!

Since we live near the country's southern border, we adopted the Mexican motif in furnishing our newly "discovered" room. Small Mexican rugs laid over the brick flooring form the heart of our gay color scheme, their hues echoed in the *serape* on the couch, the runner or doilies on the table at mealtimes, the flower pots and bowls on shelves built about the screen-wall, and finally in ashtrays and other oddments.

IT SEEMS natural as breathing to eat from Mexican pottery and use colorful Mexican glassware. If we lived in some other locality we would doubtless use another motif... and it would be just as attractive. It's fun

on the Back Porch



AFTER

Here we live late into autumn, protected by shrubs and a nearby patio wall. Our "leisure lounge" is a bed



AFTER

Bright gourds, Mexican pottery dishes, and a gaily striped cloth lend a delightful informal air to mealtime

to "go regional," no matter where you live.

No one suspects that our "leisure lounge" is a bed. Actually, it's simply a wooden frame put together at the corners with pegs for easy disassembling. Made in our own workshop, it's designed to accommodate a regulation-size spring and mattress. Upon this we enjoy refreshing sleep at night during the hottest summer months, even late into the autumn which with us runs way toward the end of the calendar. Daytimes we make up the bed with pillows and a blanket roll combined into an inviting back-rest the full length of the bed. This cuts the width and destroys any boudoir illusions.

THE table upon which we eat and the cupboard or Welsh dresser in which extra dishes are kept are painted the same shade of yellow that's present in rugs, serape, and in the huge sombrero which decorates the only wall space in the room. The

chairs are yellow, with those hand-woven seats so popular in Mexico. Small stools or bancos are equally convenient as sitting spots or low tables—depending upon their height and our need. Their tops are woven in gay colors, or made of tightly stretched hide with bizarre and splashy decorations in their centers.

SINCE we've discovered our almost twenty-four-hour living-room, friends have begun to think of like possibilities in their own homes—of the small "extra room" that could be made into an outdoor dining-room for pleasant weather . . . of that queer lean-to that's never been anything but a family catch-all. It's contagious—this changing a room or a porch as a lizard changes his spots—and it's fun! And informal supper parties—with card tables sprung up for the occasion—take on a new and delightful air.

No question about it. We like our porch!



Take a Tip

FROM BUILDERS
OF MOTOR BUSES

Insulate your home with low-cost

KIMSUL

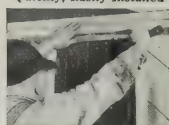
INSULATION



Mr. Russell H. McKenzie, whose Builders' Show Model Home at 18603 Snowden, Detroit, Michigan, is shown here says: "KIMSUL not only resists the cold in winter, but also the heat in summer . . . it greatly assists in the economical use of our air conditioning unit."

Photo courtesy of
Manning Brothers, Inc., Detroit

Quickly, Easily Installed



Attached to top plate with
lath and nails . . .



Exactly fits standard stud
spacing . . .



Nailed at bottom and cut off
—that's all! Strong rows of
stitching keep KIMSUL perma-
nently in place.

Recommended by Authorities for
Greater Comfort . . . Winter and Summer!

● KIMSUL's* superiority to many other insulation materials has resulted in its use in motor buses, streamlined trains, automobiles, motor coaches, refrigerators. The same advantages which make KIMSUL the choice of industrial engineers, make it one of the most desirable insulations for your home, also!

Amazingly Efficient and Lasting!

KIMSUL has a remarkable heat stopping power because it is made of wood fibres, one of the most efficient insulating materials known. To give KIMSUL lifetime permanence, these wood fibres are fortified with asphalt, then chemically treated so that KIMSUL is lasting in its efficiency. When properly installed, KIMSUL will stay "put" . . . won't sag or pack down inside the walls. Amazingly light in weight, KIMSUL adds no undue stress to supporting structure. It is highly resistant to both fire and moisture.

Investigate KIMSUL Today!

The low cost of KIMSUL is usually soon repaid in savings on fuel bills. Thus from the outset, you will not only enjoy long years of lower cost heating, but also cozy warmth in winter, pleasant coolness in summer. Why not investigate KIMSUL today!

MAIL COUPON TODAY FOR COMPLETE
INFORMATION ABOUT KIMSUL

*Reg. U. S. and Can. Pat. Off.



COMPARE!
and you'll
choose
KIMSUL

KIMBERLY-CLARK CORPORATION (Kimsul Division)
Established 1872 BHG-6
8 South Michigan Ave., Chicago
Send Free Book, "Greater Comfort—Winter and Summer"

Name _____

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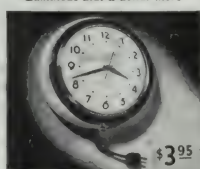
BIG BEN ELECTRIC

AND HIS FAMILY OF WESTCLOX ELECTRICS



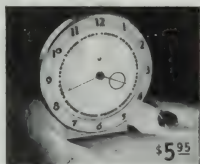
\$4.95

BIG BEN ELECTRIC What more useful gift to newlyweds than this smart clock which combines new beauty and traditional Big Ben quality! Self-starting. 2-Voice chime alarm. Current interruption signal. Ivory finish with gold color trim or black with nickel trim.....\$4.95
Luminous dial a dollar more



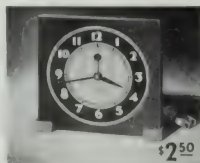
\$3.95

MANOR Lucky the bride who has this self-starting electric wall clock. Four color combinations...\$3.95



\$5.95

PITTSFIELD Any bride would be thrilled to own this clock! Alarm attachment. Self starting...\$5.95



\$2.50

COUNTRY CLUB electric alarm makes a handsome gift. Maroon, gold color trim, plain dial, \$2.50. Luminous dial, ivory finish...\$3.45

Westclox electric—time clocks, wall clocks, alarm clocks—lovely gifts for weddings, birthdays, anniversaries, \$2.50 to \$6.95. Some have plain dials, some luminous. Westclox, La Salle, Ill. Division of General Time Instruments Corp.

WESTCLOX ELECTRIC CLOCKS



● **DISH GARDEN, MINIA-TURE** of the Southern garden where Stephen Foster wrote "My Old Kentucky Home," takes its name from that song! Has plantation house, colored folks, and plantings that live nicely on your window-sill. With pottery dish in color selection, garden about 8 x 4 1/2 inches is \$3.75; 10 x 5 1/2, \$5.75; 12 x 7, \$7.75, postpaid. Louis Hahn & Son, Millvale Branch, Pittsburgh, Pa.—A.J.O.

It's Always Blossomtime

[Continued from page 56]

country, a mecca for garden-lovers in late May and June, when the roadsides are massed with the pink and white blooms.

Along the Canal the hungry traveler can get a bushel of fresh oysters in exchange for a westerner's silver dollar, or at Dungeness a jumbo crab for "two bits."

NOT on the main highway, but well worth the trip, is Neah Bay at the westernmost tip of the Olympic Peninsula. Pick a precarious way thru the dogs, jaloopies, papooses, and war canoes on the Makah Indian Reservation; and walk a mile or so toward the breakers' roar. Here, where a grassy slope runs into the sandy beach, wild strawberries grow warm in the sun; and passing ocean liners go down over the horizon toward China.

Within the loop of the Olympic Highway lies that primitive wilderness, the Olympic National Park, into which roads and trails are now being built to give access to this little-known region of rare mountain beauty and virgin forests. At the higher elevations are more than 50 glaciers and permanent ice fields. Below are alpine meadows carpeted with wildflowers and wooded with Mountain Hemlock, Whitebark Pine, and giant spruce. Only in the Olympic Mountains can the botanist find the Fleet Violet, that gem of deepest blue with gray-green foliage, and the variety of harebell, *Campanula pipari*.

The Olympic Loop Highway is a part of the coast highway which traces Oregon's rugged shoreline between the forests of towering Douglas Fir and the sandy beaches, broken by jutting promontories of rock. Succession of bloom is no problem here, for the varieties of wildflowers

3

MODERN AIDS TO BETTER LIVING!

Here is a trio of timely ideas that will add greatly to the family's own enjoyment this summer—and enhance your reputation as a hostess:



1. A HANDY ICE CHEST

You'll find many uses for this efficient little chest—to store extra ice or ice cubes...to chill bottled beverages quickly...for the keeping of extra vegetables and other foods. The handy new Ice Chests hold a lot, cost little—\$8.50 up, f.o.b. factory, depending on size.

2. PLENTY OF PURE TASTE-FREE ICE CUBES

There's never an "ice cube famine" in homes which have learned to order the cubes they need from their ice company—crystal-clear, hard-frozen cubes that do not give beverages an "off taste."

3. VELVETY ICE CREAM

There's all the difference in the world between good, old-fashioned ice cream and the "still-frozen" sort. Here's the latest thing in freezers—so efficient that just five minutes turning does the trick. These modern freezers cost only \$5.25 up, f.o.b. factory.

Ask your local Ice Company about these three modern aids to better living.

NATIONAL ASSOCIATION OF ICE INDUSTRIES
228 North La Salle Street, Chicago, Illinois
In Canada: 137 Wellington St. W., Toronto

along the roadsides are so numerous that some color is always in evidence, and altho the hairpin curves make evening driving hazardous, most of us would die happy after watching the flaming sun go down into the wide Pacific. Here, too, are found the famed Yaquina oysters, Lilliputian tidbits that have made permanent residents of many a passing gourmet.

PORTLAND, the City of Roses, celebrates the Rose Festival every June. Here the rose specialist and the backyard gardener alike may observe the newest rose-growing techniques in the International Rose Test Gardens and the Municipal Rose Gardens. Beautifully landscaped Lambert Gardens, running the gamut from formal to informal, are a riot of glorious color from early spring to late fall. All of the roads leading out of Portland are scenic, with towering Mt. Hood as a snow-covered backdrop.

HIGH in Oregon's southern Cascade Mountains is Crater Lake National Park. The deep blue lake, walled by sheer cliffs of many-tinted lava, is named by many as one of the world's seven wonders. Ages ago, Mt. Mazama literally "blew its top," creating the crater which centuries of melting snows have filled to form a lake 2,000 feet deep and five miles across. Wizard Island, which in the evening mist appears to float on the surface of the sapphire blue water, is a crater within a crater and boasts a lakelot of its own in its cone. Those from Missouri may rent a boat and row out to see for themselves.

One of the loveliest natural parks in the world is to be found at Ashland, Oregon—[Turn to page 66]

Attention!

IF YOU'RE a map fan, if you really want to enjoy your National Park visit—or want better to enjoy reading and thinking of it—here's a suggestion: The map collectors (and travel minded!) at Better Homes & Gardens have run across two of the loliest maps you'll ever see. One is the "Hysterical Map of Rainier National Park—more or less cockeyed"; the other is "Hysterical Map of the Olympic Peninsula and Puget Sound Country—a trifle cockeyed." The titles don't do them justice. They are combination topographical, dramatical, and animated maps of the regions—in color. The regular price is 25 cents each, but Better Homes & Gardens readers may have them, both for 30 cents (15 cents each) by sending 30 cents in stamps or coin to Travel Bureau, Better Homes & Gardens, Des Moines, Iowa. A limited quantity has been obtained from the publishers purely as a service and convenience to BH&G families. There'll be no more at this price after the quantity is gone.

25 Yards in this Skirt...



Don't fear an audience! A moisture-resistant panel is now placed between the soft folds of every Kotex pad—to give extra protection!

And what confidence it brings to know there are no tell-tale bulges to give your secret away! Flat, pressed ends (patented by Kotex) never make revealing outlines... the way napkins with thick, stubby ends so often do.



Kotex* comes in 3 sizes, too! Unlike most napkins, Kotex comes in *three* different sizes—*Super—Regular—Junior*. (So you may vary the size pad to suit different days' needs.)

All 3 sizes have soft, folded centers... flat, tapered ends... and moisture-resistant "safety panels." *All 3 sizes sell for the same low price!*



**FEEL ITS NEW SOFTNESS
PROVE ITS NEW SAFETY
COMPARE ITS NEW, FLATTER ENDS**

...yet, due to skillful designing, there's not a hint of bunchiness or bulk!

The same applies to Kotex sanitary napkins! Made in soft, smooth *folds*, with more absorbent material where needed... less in the non-effective portions of the pad, Kotex is *less bulky* than pads made with loose, wadded fillers! Less apt to chafe, too—for it's entirely sheathed in cotton, before it's wrapped in gauze!



"You scarcely know you're wearing it!"

*Trade Mark Reg. U. S. Pat. Off.

Graduating TO A MUSETTE

The acquisition of a Winter MUSETTE is an event of far-reaching importance. ♣ This fascinating instrument brings refreshing grace and beauty into your home. Its charming lines win instant admiration. Its rich, clear, golden tone delights the ear. ♣ And in the years to come, your children and mayhap your children's children, will point with pride to that famous name above the keyboard. For MUSETTE enjoys enduring claims to fame. ♣ This instrument represents a new era in the development of the piano—a significant step in its evolution—both musically and decoratively. It was the Winter MUSETTE, first introduced in 1935, which launched the great re-styling movement which has swept the modern console into its present nation-wide popularity. And each year has seen further refinements and improvements which have maintained MUSETTE's enviable position as "America's most talked about and copied piano." Sold by leading piano stores.

WINTER & COMPANY
ESTABLISHED 1899
America's Largest Piano Manufacturer
NEW YORK CITY

Musette
TRADE MARK

*This lovely Duncan Phyfe
MUSETTE—\$425 F. O. B. New
York—is just one of 12 charm-
ing and attractive Period Mod-
els priced from \$295 to \$500
which may be purchased on
Deferred Payment Plan.*



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Send me your new CATALOG-AND-
STYLE-GUIDE with full page pho-
tographs of each of the Period Model
MUSETTES in appropriate room settings.
Name
Street
City State

Furniture Styles

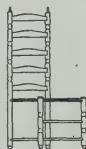
And How to Recognize Them

No. 2 of a Series

By Ruth Allison

EARLY AMERICAN

1620-1740



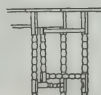
Ladder-back



Windsor



Mirror—1740



Gate-leg

EARLY AMERICAN FURNITURE is one of the most interesting—certainly the most historic—of all the American styles. It's functional in the most literal sense of the word, for it was designed and built to meet the needs of a brave new people hewing homes out of a wilderness—a people who dreamed great dreams, yet had to be thoroughly practical to make them come true.

Like every important style, Early American furniture was a fusion of past experience and immediate need, rather than a sudden sporadic growth. It stemmed for the most part from the landing of the Pilgrims in 1620 and the early Dutch settlements, and slowly developed with changing conditions.

The craftsmen of this early period were carpenters and joiners, come to seek their fortunes in the freedom of the New World. As was natural, they patterned their work after that with which they'd been most familiar in Europe. Thus the Elizabethan and Jacobean styles of England and the influence of the Dutch were variously reflected in the earliest pieces made in this country.

BUT the tools of the pioneer craftsmen were more or less primitive. Much of the work had to be done by hand. In all except wood, their materials were limited. Their religious convictions prescribed utmost simplicity. So turnings and mouldings were simplified. Decoration was comparatively rare. Native American walnut, maple, oak, and pine were the woods chiefly used. Thus a new concept of furniture came into being—one still highly treasured and selected today for some of America's most charming interiors. This style we call Early American.

The household pieces of the early settlers consisted of only the most necessary ones. The chest was perhaps, the most important. Originally just a crude box with a drop lid, it evolved into a piece with a drawer for storing valuables. From this were developed the chest-on-chest or highboy, the lowboy, and the chest of drawers we have today. The Bible-box, devised to hold the family Bible, also underwent a change. Its top had often done duty as a writing surface. Now this piece grew in stature, acquired legs, then inner compartments for writing supplies, then drawers beneath and cupboards above. Thus it was the forerunner of the secretary. An exception to the otherwise simple furniture of that period was the Hadley Chest, richly decorated and widely popular.

The earliest chairs were stout, solid-backed, wainscot types, and banister backs with turned and split spindles. Later the Windsor, the Brewster, the Carver, and slat-back chairs came into use. Many of the seats were solid wood, some had rush bottoms, some were upholstered in leather. The less uncompromising Pilgrim fathers even permitted the use of gay-cushioned seats in fabrics of stout homespun, paduasoy, "tabby," a coarse watered taffeta, crewel embroidery, and bright-patterned cottons.

TABLES used in Early American homes often included the trestle-type dining table, adapted from the refectory table of Europe. Folding tables, gate-leg tables, candle stands, and butterfly tables—the latter so named because the member supporting the dropleaf is shaped much like a butterfly's wing—were also popular. A unique type was the chair-table, a massive chair incorporating a huge solid back which swung down to make a table often used only by the head of the family when he dined in solitary state!

With increasing population and wealth in the Colonies, and an opportunity to indulge in more leisurely living, household furniture became more numerous. Dressing tables, desks, graceful four-poster beds, and decorative occasional pieces came into use—yet the effect was that of simplicity and quiet charm, enduring qualities reproduced today for our own homes.

Coming in an early issue—the third of this series, "Robert Adam Furniture."



I'm a Lazy Gardener

By M. R. Smith

I HAVEN'T gardened from a deck chair yet, nor done my weeding with dynamite. But take it from me, I'm really a lazy gardener. The good thing about it is that I've invented some delightful energy-saving methods.

Lazy Man's Borders: I grow respectable borders lazy fashion. After my seed packages arrive each spring I sort them to size. Tall marigolds and dahlia-flowered zinnias, for example, I put in one group to be planted in the back row against the hedge. French Marigolds and pompon zinnias go together for the second row, and so on down to the edging allysum.

I could sort each group according to color, but that takes a bit of doing, and anyway Mother Nature always provides enough green to make even a bright red zinnia and a lemon-yellow marigold belong together.

Into little saucer-like depressions (made about 2 feet apart and $\frac{1}{4}$ inch deep in that rear row) I drop three or four seeds of each tall variety, skipping unconcernedly over perennials that get in the way. In the second row the saucers have to be closer together, for these plants won't be so big, and a bed solidly planted to flowers can't grow so many weeds. I repeat the process until four rows are planted, for my border is four feet wide.

Try Zinnias: Zinnias and marigolds were made for lazy gardeners. You can have a very impressive border of these two annuals alone, from the tall ones right on down to dwarf pompon zinnias 3 or 4 inches high. That Signet Marigold, with almost no effort on your part, will cover itself with glory and tiny yellow flowers from midsummer to frost. These standbys germinate well and produce plentifully even under adverse conditions, and if you don't get around to watering them they'll usually manage to keep alive somehow. In addition they survive heat

waves that leave delicate friends like the Sweet Pea and clarkia gasping for breath with "My dear, I just can't stand the climate here."

Kills Weeds: If you don't get in enough plants to keep weeds from growing, put on wet peatmoss in huge blobs; it discourages weeds.

How to Cure Weedy Bank: If you've a weedy bank you just can't seem to do anything with, try California-poppies and portulaca. They will outweed the weeds, and you'll have lovely bright colors. The second year they'll come up with no encouragement from you and you can dismiss the weedy bank until you want to change it all again.

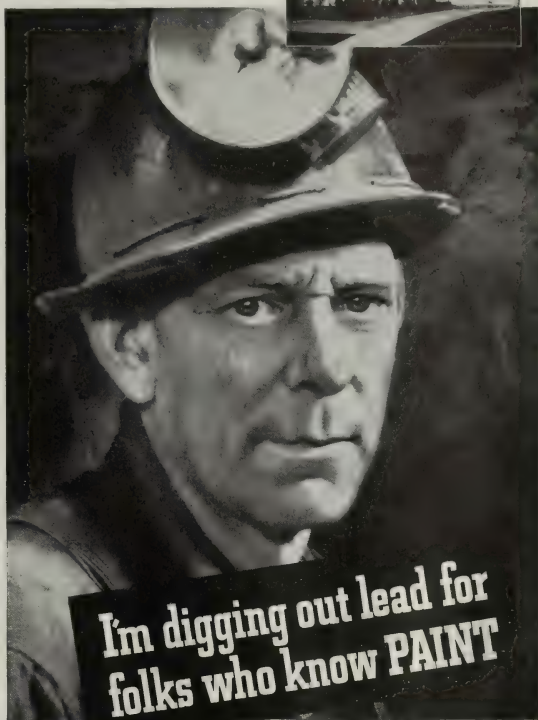
Grow in Hard Ground: We had a spot near some shrubbery where the ground was hard but weeds flourished. We put black-eyed-susans and False Dragonhead over there, and they don't mind the poor soil at all. I had enough pep to stick a few petunias in, too, and next year, with no effort on my part, there will be so many petunias it will be a riot of color.

Beautify Alley: We and our neighbors across the way wanted some flowers to beautify our alley. But neither of us could give much time to another flower bed. So we planted a strip about two spades wide to the ever-dependable California-poppies and dahlia-flowered zinnias, the latter in the back row. This bed has taken little weeding, almost no watering, and its beauty has had a good effect on the entire neighborhood.

Grass Substitute: Then there was the narrow strip between the front walk and the hedge, where grass just wouldn't grow. But *Sedum* acre provided a self-pruning green carpet all summer.

Of course, I really wouldn't advise anyone to garden this way, it's so lazy and shiftless. How much nobler to work from dawn to dusk, to transplant and retransplant, then rub the aching back and cream the roughened hands like heck!

IT MAKES A WORLD OF DIFFERENCE—Bring out your home's best features by styling with paint in attractive color combinations. For durability and economy insist on pure white lead paint as used on the Certigrade Californian of the Red Cedar Shingle Bureau, shown here.



I'm digging out lead for folks who know PAINT



NOW maybe you're wondering how a metal like lead can have anything to do with the paint that's used on your house.

But it's simple enough when you know one fact—the white lead pigment used in paint is made from this tough, durable, weather-resistant metal.

So it's only natural for white lead to be tough and durable, too—able to withstand moisture and temperature changes without cracking and scaling—sealing the surface beneath from weather year after year.

That's why you're money ahead when you use a paint made with white lead. It gives you extra years of beauty and protection. And when repainting finally becomes necessary you avoid expense for burning off the old paint. You just paint right over it.

For best results take a tip from folks who've learned from experience and

find out how much white lead the paint you buy contains. It's a pretty safe rule to say: the higher the lead content, the better the paint! You can't, for example, get a more durable paint than one containing a hundred per cent white lead. This is the kind good painters mix from lead-in-oil. In many places it is also being sold now in prepared ready-to-use form—in white and colors.

You don't have to take my word about all this—any good painter will tell you the same.



HOW MUCH CAN YOU SAVE IN PAINTING? You'll find the answer to this and other important paint questions in the informative booklet "WHAT TO EXPECT FROM WHITE LEAD PAINT." Send postcard for your free copy today.

LEAD INDUSTRIES ASSOCIATION
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IT PAYS TO HIRE A GOOD PAINTING CONTRACTOR

—He knows the tricks of doing a smooth, even, clean-cut job on the most difficult surfaces—work that gives you lasting satisfaction.





What do you want to know about owning a home?

You'll find the answers in this 116-page book!

WHAT has stopped you from taking the step most families want to take? If you have ever considered homeownership, "How to Have the Home You Want" will be a valuable source of information for you. In this book you'll find authentic answers to such questions as how much house can I have on my income?—methods of financing—whether to buy or build—how to select a neighborhood—planning a kitchen, a laundry—and many others.

For help in deciding what you can do about owning a home of your own; for assistance in determining your family requirements; for guidance that may help you avoid trouble; for facts that may save you hundreds of dollars—this new USG book, "How to Have the Home You Want," will tell you what you want to know.

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In addition to important subjects like those above, "How to Have the Home You Want" explains and illustrates how the United States Gypsum Company has put research to work, developing modern building materials which aid you in having more fire protection, more comfort and greater economy in your home.

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Remodeling? Money for Your Pictures

MAYBE you're remodeling your kitchen, your bathroom, your living-room, your attic, or your whole house.

Remember that *Better Homes & Gardens* is still eager to see "before" and "after" photographs showing the improvements you make.

Get out your camera and take some good pictures of all exteriors and interiors you're remodeling before you start work; or have a good photographer make the pictures. Then, when the improvement is completed, take "after" pictures from exactly the same positions (they show contrast better) as the "before" pictures. Clip each "before" to each "after" taken from the same position and send them to John Normile, Remodeling Editor, *Better Homes & Gardens*, Des Moines, Iowa.

If we can use them, we will give you further instructions and will pay you our regular editorial rates for your trouble.

It's Always Blossomtime

[Continued from page 60]

Lithia Park, by name. It's the baby of aged John McLaren, creator of famed Golden Gate Park in San Francisco and foster father—by way of protegee Julius Girod—of beautiful Treasure Island.

LITHIA Park is known for its delicious and curative mineral waters, as well as its woody charm. McLaren plans trees as an architect plans a house. In Lithia Park is to be found some of his greatest work with trees—the job so perfectly done you can't tell the natural growth from the planned growth. If not for the natural carbonated beverage that spouts from the fountains, perhaps you'll want to stop for a look at John McLaren's handiwork.

Pendleton Round-up, staged every September, is also hard to believe unless you see it. For weeks before the event, the town and surrounding ranches, real and synthetic, go Wild West in such a big way that an honest citizen of Pendleton dare not water his own lawn unless wearing the prescribed ten-gallon hat and bright shirt.

UNORTHODOX to the last, the west-coast resident seeks the real Wild West by going east. In eastern Oregon, between the Wallowa Mountains on the south, the Blue Mountains on the west, and the Grand Canyon of the Snake, lies the

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In a new 6 page leaflet—offered free to all women—the famous home economist and lecturer, Helen Sprackling, answers all questions about clothes moths; and explains quick, low-cost method that stops moths dead in their tracks.



This leaflet, *Author of free leaflet "How to Prevent Moth Damage by Clothes Moths" is Helen Sprackling—famous lecturer and home economist, former Home Making Editor of Parents Magazine, approved word for word by a leading independent authority.* What's more, the method revealed in its pages has been successfully demonstrated in thousands of moth-ridden homes.

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And—when you buy your Preventives—don't forget—White Tar Moth Preventives and White Tar Mothproof Bags are among the lowest in cost as well as 100% reliable and effective. Demand White Tar by name—it's a Koppers product!

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last of the Old West, the little-known Wallowa Country, a land for the truly adventurous.

Soft stuff like dude ranches are still further east.

Stopovers and Side Trips

BONNEVILLE DAM—While Bonneville Dam, fifty miles up the Columbia River from Portland is not really a side trip, since it's directly in the area described, nevertheless if you're dam-minded, you may want to make a special trip and a stopover there. It is an outstanding hydro-electric development. Here's the \$7,000,000 fish ladder and lift. Intent on reaching their birthplace in the headwaters of the Columbia to spawn, the bewildered salmon must choose between the comparative ease of their Uncle Samuel's ladder or the positive luxury of his elevator. These pools, rising foot by foot to a height five times that of the Empire State Building, have a sound economic reason for being, since the Columbia River salmon industry yields a yearly income of about \$10,000,000.

LAKE OF NORTHERN IDAHO—A refreshing place to stop on the long trek west. Mountain scenery, clear bright lakes, boating, fishing, and swimming.

BOAT TRIP THRU THE SAN JUAN ISLANDS TO VICTORIA—Probably the most memorable side trip of a visit to Oregon and Washington is the ferry trip thru the maze of intricate waterways of the fantastically formed San Juan Islands to Victoria, British Columbia. The trip, which takes but four hours, transports you to a little English village with hedgerows, gardens, afternoon tea and fascinating tweed, past and antique.

SEASIDE, OREGON—Seaside is a resort town where visitors comb the sandy beach and peer behind each bleached white log hoping to find the turquoise blue glass floats that the Japanese current brings in in the fishing banks of Japan.

MT. SHASTA, AND LASSEN VOLCANIC NATIONAL PARK—Northern California. Scenic stopovers on your trip up from California and the Southwest.

REDWOOD EMPIRE—This is that vast stretch of forest from the Golden Gate to Puget Sound—the greatest array of trees in the world, and the tallest—Sequoia Gigantica (big) inland. Include also Sequoia National Park in southern California if you're big-tree conscious. Farther north you'll get into the magnificent Douglas Fir and Ponderosa Pine.

GLACIER NATIONAL PARK—Montana, on the Canadian border. Mountain scenic wonders. A good spot to put in a few days, if you have time, on your way west from eastern points. (To be taken up more in detail in a future article in *Better Homes & Gardens*.)

Of course, the West and the Pacific Northwest are full of hundreds of interesting and delightful places to visit—everything from magnificent, awe-inspiring scenery to tiny flowers that charm you with their delicate beauty. It's suggested that you write the sources of information listed following for complete data.

For Information

IF YOU desire travel information and maps of the Pacific Northwest area described, a letter or postcard mentioning this story should be directed to any of the following sources: Union Pacific Railroad, Attention: W. S. Basinger, 1416 Dodge, Omaha, Nebraska. The Milwaukee Road, Attention: G. A. Simmlow, 516 W. Jackson Blvd., Chicago, Illinois. Friendly Service, 110 West 42nd Street, New York, New York. Conoco Travel Bureau, Continental Oil Company, Denver, Colorado. Southern Pacific Lines, Travel Information Department, San Francisco, California. The Touring Service, 135 East 42nd Street, New York, New York. Northern Pacific Railway, Attention: L. L. Johnson, 1000 Nicollet, Minneapolis. Great Northern Railway, Attention: Passenger Traffic Department, 175 East 4th Street, St. Paul, Minnesota. Portland Chamber of Commerce, Portland, Oregon. Oregon State Highway Commission, Salem. Redwood Empire Association, Golden Gate Bridge & Highway Dist., San Francisco. National Park Service, Department of Interior, Washington, D. C. (Concerning Rainier, Olympic, Crater Lake, and other national parks in the area.)

NEXT MONTH we take a view to our bosom, but we're not going to be selfish—we're going to spread it out on paper for you, and show you how the conveniences of today make friends with the traditions of yesterday. . . . A Home-Furnishings feature, and it concerns a Southport, Connecticut, home.

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They Said I Couldn't Grow Roses

"All the fuss about three-foot trenching and drainage seems nonsense," says W. L. Ayres



"I've found roses so interesting they've taken over my garden. I put beds anywhere, have won prizes with good roses grown under trees"

THEY said it couldn't be done and that's why I started growing roses.

A few years ago we bought a house in Michigan. I went to my garden friends for advice and they warned me about roses. "This isn't the climate for roses," they said. "They won't grow and the long winters kill them."

And that's how it all began.

Eight of my first dozen died without blooming, but the other four gave me so much pleasure that the rest of the garden has constantly given way to the increasing size of the rose beds. The original vegetable plot has already disappeared and my wife threatens to place armed guards over her perennial borders. I suppose I've tried all the wrong things for my roses and most of the right ones. But finally I've evolved a rose garden that seems to please its visitors and win a few blue ribbons at near-by shows.

My Roses Like Tree Shade I locate my beds wherever there happens to be room, altho I prefer protection from the morning sun, so the sun doesn't blast open my buds before I get up to cut them.

Trees were already present and the

beds had to go near by, contrary to most rose books. If the shade isn't dense I consider the trees rather a benefit, as the roses seem to enjoy a bit of protection from the hot sun. I have to pull out a tree root now and then, but if the beds are well fed there's plenty for both roses and tree roots. One tree is actually in the middle of a bed and the plants there show no ill effects. Last June a White Killarney bloom that won a blue ribbon grew within two feet of its trunk.

All the fuss over three-foot trenching and drainage seems nonsense and prevents many from trying roses. If your soil really needs drainage, something more drastic than a drainage layer without outlet is required. A pool of stagnant water underneath the rose bed is hardly an improvement. But garden, soil that's drained sufficiently to grow other flowers and vegetables ought to grow fine roses. Most drainage worries are imaginary. Over most of the country our rose problem is drought and not too much water. Most of my beds have been made by merely spreading under a generous layer of leafmold and they seem just as good as the one I made with deep trenching and a drainage layer.



"Roses climb my trellised entrance, ramble around my garden on the fence, horseshoe over the gateway in the back"

How and When I Plant Fall planting may be excellent in milder climates. Experts recommend it for almost all parts of the country. But I've never had a fall-planted rose do as well as the average of my spring-planted bushes. I plant as early as possible in the spring and in Michigan that means early April. I've even planted roses while there was still frost in the ground with no apparent ill effect. I spread out the roots in an ample hole, with the "bud," or place where the bush is grafted to the root, just about ground level. I then pack half the soil about the roots with all my 180 pounds and my big garden shoes. Then I give the hole a big drink and fill the rest of the soil in loosely. I then hill up the soil around the plant for 10 days or two weeks to keep the top from drying out while the roots are getting started and to protect the buds from late freezes. When the top begins to show action the hilled-up soil is leveled, and by the time warm weather arrives the roses are already established and growing lustily.

For feeding I like superphosphate and wood ashes and two or three times each summer a light dressing of complete, balanced plant food.

I'm Too Lazy to Cultivate The battle of constant cultivation versus summer mulch is still raging with honors nearly even to date. Mulch appeals to my lazy streak and keeps the soil cool, but peatmoss mats down tightly and sheds water like a duck's back. Buckwheat hulls, where available, are a much better mulch. Also against all mulches is the possibility of wintering disease spores and insect eggs. Cultivation or mulch keeps the summer watering to a minimum, but the beds get a thoro soaking when they need it—

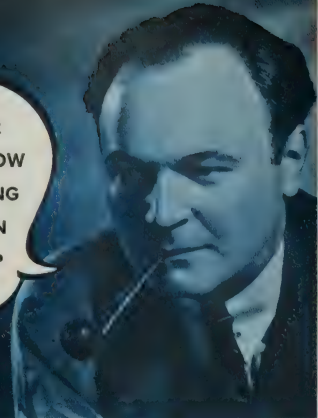
no 10-minute sprinkling, but hours of water running direct on the bed from the hose.

Dusting I have found simpler and easier than spraying, as the wet spray must be prepared each time, the residue discarded, and the sprayer cleaned. Dust can be kept mixed, and any remaining after use may be left in the dust gun ready for the next application. I mix my own—9 parts sulphur and 1 part lead arsenate. I increase the proportion of lead arsenate slightly in the spring when chewing insects are most active.

Winter protection is no great problem even in this arctic region. By September I cease all feeding and cultivating so the canes can harden off. After freezing weather puts a finish to gorgeous fall bloom, each bush is tied together to prevent wind from whipping the canes, and a cone of 6 to 10 inches of soil is hilled up around the base of each plant. After the ground is frozen I cover the entire bed with several inches of dead leaves. This prevents the freezing and thawing that prove so disastrous. Tho I've read that leaves mat down and smother the plants, this danger doesn't seem very real, as my winter losses have never run over two percent. Inevitably these losses are the weak and sickly plants that were already in decline and probably couldn't be wintered under any conditions. Straw or salt hay may be used by those who fear matting leaves, but the leaves are always with us in the fall and handy for use.

Best Varieties There are over 300 varieties in my garden, so selection of favorites is difficult. For years Etoile de Hollande has been the standard red rose and it's yet considered the best by [Turn to page 76

AS AN ENGINEER
MYSELF I KNOW HOW
DODGE ENGINEERING
SAVES MONEY ON
GAS AND UPKEEP
COSTS.



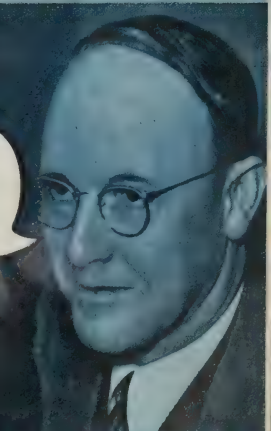
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Here's the Answer



They're both wrong, says **MAY F. McELRAVY**, who should know something about it because she has just sent a daughter thru college—a small coeducational college, because it's best, she says. And why is a small college best? Because —

It's a Man's World

THE real reason I selected a small coeducational college for Janet was because I believe such an institution affords the best training a girl can get in learning how to take a secondary place in life.

Not that I think being born a girl is a handicap. On the contrary, I've never regretted that I was cast as one of the gentler sex. But, for a girl to be educated to think she's superior to her mate, and that her place in the scheme of living should be first, to my way of thinking will be a serious hindrance to the thorough enjoyment of her journey thru life.

I know. As the only child of well-to-do parents, I was given everything I wanted. I had the advantages of travel and was properly finished at a select women's college.

Twenty-five years ago the attainment of superiority over men was the announced goal of my sex. To be too feminine was outmoded, especially if the femininity expressed contentment at looking forward to nothing more glamorous than homemaking.

Women's clubs were being organized under the banner, "Rights

for Women." Their representatives were sweeping the states, imitating men, and trying to gain recognition in man's business world. This resulted in the new personality for women. They proved their abilities in the professions and in business, and when they married it was often with the understanding that they continue their business careers.

Because of my training, I married with that idea. As a consequence I've spent years in learning that the world in which I live is still controlled by men.

When Janet's generation takes command it, too, will have to learn that Nature, after all, is immutable. Man always has been dominant and will continue to be so, and I think a girl can learn this before she leaves college if the campus is selected with care. She will save herself a lot of bumps in later life.

UNTIL four years ago Janet's father and I accepted the ultimatum Janet announced while she was a sophomore in high school—that she would attend the state university.

By her senior year the sororities

to Evans & Folsom*

on the university campus had become aware of her choice and had so filled her week-ends with invitations that her date book became the bible of her household.

After the Christmas holidays, her father and I both suddenly tumbled to the realization that not only Janet, but also the boys and girls in her set, knew much, much more than what the sororities or fraternities—than what was available to prepare them to enter some skilled occupation and insure their futures against economic reverses. Unmistakably, the two things which stood out on the campus of Janet's choice were frat lane and sorority row.

Even tho I'm a sorority woman and my husband a fraternity man, we both feel that today these organizations have become undemocratic and put too much stress on the social side of college life.

AS a result of this feeling we asked each other, "What can a large co-educational campus, with its class distinctions, contribute to appreciation of the realities of life? Are we seeing this problem from the point of view of what she thinks she wants at the moment, or from the perspective of her twenty years' experience?"

We couldn't seem to arrive at a starting point until the night Janet's father said: "We can't expect these young people to be concerned with the serious side of college. That's our function—yours, in fact, in Janet's case. You've been baptized by the fire of actually confronting the very same problems Janet will encounter."

He was right.

I commenced to do some thinking along lines more practical than 25 years back. The German, Latin, and Greek translations in college didn't fit me for homemaking or show me how to get to the root of some domestic trouble, whether it be a leak in the household budget or the probable cause of Junior's sinus trouble.

SINCE choosing a campus for Janet was to be mostly my problem, I determined to find a campus which had both the proper alignment of the sexes and a democratic atmosphere. Such a place should automatically create situations which would teach her how to take a secondary place in this man-controlled world.

I'm convinced that the Janets of today can contribute much more to their world by encouraging the men they marry or work for than by striving to win as many laurels as they can—independent of them.

I made the foregoing statement at a recent meeting of one of my clubs. "You don't actually believe that," a woman challenged.

I do. If Janet marries—and I note she now mentions career more frequently in connection with an "Honor" man's aspirations than her own—like every college girl these days, she will expect her husband to be a good provider. And what earnest, trained young man doesn't

want to be a good provider for his family?

He knows, and so does Janet, that scores of applicants, trained to the same degree as himself, are applying for every available job. Janet will have to concern herself with the care of his ego to help her husband hold the job he gets and to advance with the rest of the procession.

THE sweet girl grads of my day doubted the wisdom of their mothers. Purely homemakers, they said. But Janet's generation has learned differently. It took the economic problems of recent years to teach many of us that we had to pull hard on the same primitive oars our pioneer mothers used to keep the boat afloat. Our college girls and boys have witnessed the ordeal. Not only that, but they've pulled on an oar themselves. They know what a man's ego looks like.

Psychologists agree that many suicides among men in these fallow years can be definitely traced to the loss of ego.

SUPPOSE my daughter decides upon a business career. In 90 percent of the places she may work, her employer will be a man and her place will be secondary. This was borne out by my analysis of both large and small coeducational campuses having student government. The smaller-college setups make it possible for a girl to observe at closer range what it means to inspire her chief.

Our daughter has learned to think as a woman. In her four years on a small campus, she has developed resourcefulness at co-operating.

On such a campus a girl can know men better socially. Because classes are smaller, her competition with men is keener and more wholesome due to a more even balance between studies and social activities.

In that way she wakes up to the fact that woman's place is secondary. When she has grasped this she begins to develop a comprehending sympathy for the man at the helm, be he in athletics, or on the newspaper or student council.

"If you put a girl with Janet's ability to lead in an environment like that, it will be likely to stifle her," a valued friend warned.

"But," I replied, "this four-year course is the only annuity we can leave her, and we want the policy to have as many beneficial clauses written into it by experience as it is possible to have."

AFTER I had assembled my information and many pertinent sidelights which I thought would appeal to Janet, I had a talk with her.

But—I hadn't reckoned with Janet.

"I'd rather not go to college than go to a small place where they don't have fraternities and sororities," she announced with conviction.

I know the child believed that to get on socially, not only on a campus but in after life, she must wear a sorority pin. [Turn to next page

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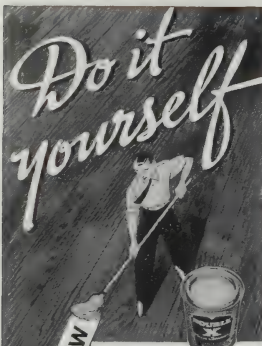
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For Distinguished Service in
Saving Lives
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Here's the Answer to Evans & Folsom

[Begins on page 70]

I told her father what Janet said. His wry smile brought back to me his earlier statement concerning a 17-year-old's inexperience.

Accordingly, I wrote for advice to my college roommate. She has been on the faculty of a well-known eastern college for a number of years.

I TALKED to alumni, questioned girls who'd transferred from women's colleges to both universities and smaller coeducational colleges.

These girls seemed to feel that the natural, well-balanced life, not attainable in a women's college.

One of these transfers observed, "A girl who lives in a cottage or dormitory on a coeducational campus can develop leadership by being a house officer. The girls of every cottage hold house meetings at which she will learn to preside. They arrange house parties, traditional balls, formal dinners, intramural contests; and sponsor charm lectures and visits by stylists. They have instruction in bridge also. All these in addition to delightful week-end dances and house parties with men fill their calendars. Frankly, I think it makes girls more feminine to attend a coeducational school."

A SORORITY GIRL who transferred to the campus I chose told me, "The thing I like here is lack of snobbishness. There's a kindly feeling among the students. They speak when they pass on the campus and students aren't rated by their fathers' money. They stand or fall on their own individualities."

I did something else in selecting a campus. I went to the document room of our public library and studied the United States census for 1930.

Both my husband and I wished to place Janet with real American young people, the sons and daughters, not of the over-rich, but of people who had found time for thought and appreciation of homely American culture.

Naturally, when I ran my index finger down the column of figures to locate the section of our country where illiteracy is the lowest, I expected to find opposite those digits the names of the New England States. To my surprise, illiteracy runs near 6 percent in this region.

I found the lowest illiteracy in states two thousand miles from the New England seaboard—in the Mid-West.

FORTHWITH, I secured catalogs of the small coeducational colleges in that area. I eliminated all but three. Finally, I selected one whose faculty compared most favorably with any in the country, and whose alumni lead in many lines of work.

There followed correspondence and talks with alumni who live in our city. I conferred with officials at Janet's high school. "Why don't you and Janet go see for yourselves?" they suggested.

Janet liked that idea.

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We went in late spring. Upon our arrival Janet was taken to one of the cottages on the quadrangle and domiciled in a suite with two outstanding girls, while one of the house mothers provided graciously for my comfort.

I didn't see Janet again until after dinner.

"Mother!" she was all excitement, "I'm going to open-house tonight at one of the men's dorms. I have a date to play tennis in the morning, and to see the buildings with you. At noon we're going into the woods for a picnic."

"Don't forget we're to have tea at the president's," I reminded.

"I won't, and Mother—I've already met the Junior who's going to take me to the Brown Derby dance Saturday night."

We stayed a day longer at Janet's request, because she decided to enroll before we left, providing that, if at the end of her freshman year she felt the need of sorority affiliation, she could transfer.

SHE stayed. Last June we went to see her graduate.

While a student there she has held her share of offices, and this year she has served on the student council. But in each instance, her place has been auxiliary.

Because of this training I feel that her chance of achieving happiness greatly exceeds that of some of her friends who must learn after marriage or in the business world how to assume a secondary place.

Meantime she has acquired from college the desired initiative, self-reliance, and a strong personality; but I think she prefers the secondary role and will be happy to have "the man" take his proper status—the age-old one of protector.

* * *

Postscript: Since this article was written, the Janet of the story has been married.

Now—who won? Evans? Folsom? McElravy? What's your vote, and your opinion? I've promised a new hat to the writer whose argument was voted best. Whom do you want to see wearing the new fall chapeaux? Your votes, and only your votes, decide. Address your letters to Editorial Department, *Better Homes & Gardens*, Des Moines, Iowa.
—Editor.



"It's saved me many a nasty crack on the head"



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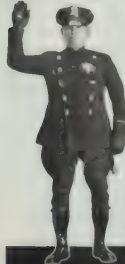


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Scaled to



This original example of Bildcost Gardened Home No. 1006 is happily alive and breathing in White Plains, New York. It can be scaled to pleasant living in any part of the country

Designed by Earl G. Nelson

SOMEHOW or other the whole of this 5-room house suggests the present-day tendency for formal dining to give way to buffet suppers.

Not that people have stopped eating dinners. We're speaking figuratively. The fact that the dining-room here had been scaled down because buffet suppers are more common than big formal dinners at home suggested that somehow this seemed to symbolize the whole house—scaled down to downright pleasant living; big enough for comfort, small enough to find your way around.

Perhaps another example in point is the passing of the old front porch—or rather, the passing of the old-fashioned front porch. (See page 24.) We used to build a house and then build a porch around it. Some of those dear old porches were big enough to hold a Youth Congress convocation and still leave room for Mrs. Roosevelt. They were to sit out on, but they were also big enough to sit the whole town out on. We must admit we sort of liked them, just for the feeling of affluence they gave us, but it was a definite waste of space if not a sacrifice of appearance.

We build on porches for sitting now, but we scale 'em down to a pleasant sitting size—and we don't

devote good building space to excess sitting-out requirements. (The porch here, incidentally, is conventional 1940, and may be screened in.)

There's a vista both ways thru this home's bay window. If you're inside looking out, you get a nice eyeful of Nature. If you're outside looking in, you get an eyeful of white paneling, fireplace, and bookcase.

LIKE most pampered and well-trained garages these days, the garage here has been taken under the protective wing of the mother roof, and, happily, it's accessible directly from the kitchen. This is a special boon, a matron friend of ours recently explained, to the Lady of the House if she drives to do her marketing, take the offspring to school, borrow a serving tray from Mrs. Brown over on the windward side of the suburb, catch the matinee at the Palace, take the Man of the House to the train in the cold gray dawn, and meet the 5:45 to haul the same Busy Man home at the end of a high-pressure day in town, et cetera. Of course, Father buys the gasoline, but he can also use the kitchen entrance to the garage on rainy days—or any day he's lucky enough to get the car.

Pleasant Living



Floor Plan

And speaking of kitchens, this already-built Bldcost Gardened house sets a pretty good kitchen example for you when you build it. It's step-saving, of course. It's also bright and cheery with its white cabinets, red linoleum counter top and floor, its window centered between two hanging wall cabinets, its glass block light bringer-in over the range, its corner shelves for bric-a-brac or sundries, and its large broom closet, among other salient points of desirability.

So that there could be no doubt that the kitchen is the control headquarters in this house, the switch that turns on the post light at the corner of the picket fence was placed at the kitchen door.

HERE are some other details that may interest you: Exterior walls are white-painted cedar shingles; shutters are bottle green; roof is black-stained shingle; all bath fixtures are

recessed; bathroom floor and wainscot are linoleum covered; a stair is provided to the attic—now used as storeroom, but someday to become, in part, a large guest bedroom (maybe you'll want the extra bedroom immediately when you build the house); all rooms are papered in quaint Colonial; there's space for a large playroom in the basement; and the house is completely sidewall- and ceiling-insulated.

HEATING in the home as it stands is by forced warm air, spun-glass filtered and humidified—but, of course, when you build the house, you may prefer boiler-radiator heat, and you will find the house equally agreeable to any other type of heating.

John F. Deedreux, White Plains, New York, is the owner of this original example of Bldcost Gardened Home No. 1006. Earl G. Nelson of Nelbren [Turn to next page

Working plans for this Bldcost Home are available from Better Homes & Gardens. Its construction conforms to FHA standards. How much will it cost you to build in your community? See page 76

This Better Way to Build Gives You

More House For Your Money!



FOR EXAMPLE . . . St. Paul, Minn. The NET COST of insulating the ceilings and sidewalls of this 7-room English type home with Celotex Insulation only . . .

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So before your building plans are finally set, see your Celotex dealer. Remember, the walls and ceilings of your home cannot be easily changed, once they are built. The time to make sure they are "right," is right now, and a few moments spent in learning about Celotex Safety Sealed Construction can prove invaluable. Without obligation your dealer will give you a copy of "Build Better For Less Money With Celotex," a new book that will help you avoid mistakes that can result in an obsolete home. Ask him for it. Or send the coupon below to The Celotex Corporation, Chicago, Ill.

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Scaled to Pleasant Living

[Begins on page 74]

Inc., White Plains, designed and built it.

The builder says of the house: "This attractive suburban cottage presents a new and unexpected picture at every turn, and emanates an atmosphere of comfort. You'll find in this home—when you build it—an abode that will serve you well thru the years."

WE DON'T know but that he's right. It does look mighty comfortable, sitting there in its White Plains edition, doesn't it? And most certainly it has nothing that labels it of the common variety of design—yet it can settle down in any part of the country, right among precious regional types, and feel no stranger to the community of people and houses or the native terrain.

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We've prepared a list of all materials needed to build this house. Using this list, your architect, building-material dealer, or builder can figure the exact cost to you. We can't accurately state that cost here because building costs are higher in some communities, lower in others. Send 6 cents for this list. Use coupon below. You are in no way obligated.

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BILDCOST *Better Homes & Gardens' Buildcost Service* is a regular feature of *REG. U. S. PAT. OFF.* the magazine. No matter where you live—East, West, North, or South—there's a *Bildcost* Gardened Home for you and your family. Send 25 cents for the *Better Homes & Gardens* Book of *Bildcost* Gardened-Home Plans. It contains descriptions of 60 other homes designed by outstanding architects. The construction of all *Bildcost* homes conforms to Federal Housing Administration standards.

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Halt the Hopeless Hodge-podge

THE Gardening Department shows you next month how easy it is to prevent the hopeless hodge-podge in planting your grounds. The right start is the secret of a unified picture. Both right and wrong methods are shown.



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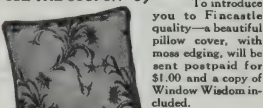


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Gone to Grass!

I loaned Walt my mower
To mow his front lawn;
He finished the chore...
And the mower moved on.
Walt loaned it to Mack,
And Mack loaned it to Lee;
Lee loaned it to Jack,
Who returned it to me.
I owed the town store
For the mower, alas!
The store took the mower....
My lawn's GONE TO GRASS!
—James E. Hungerford

They Said I Couldn't Grow Roses

[Begins on page 68]

many. But the newer *Crimson Glory* is tops for me. It's a velvety red of perfect form with a strong fragrance. The bush is compact and shows considerable disease resistance.

In deep pinks Editor McFarland is my best, producing more buds of cutting quality than any other in the color class. Close second is Miss Rowena Thom, with a larger and more open bud, but her worst fault is a desire to drop her leaves and go nudist in late summer.

In salmon-pinks both *Countess Vandal* and *Gloaming* are very fine. The *Countess* is the real queen of the garden here and far finer than its rival, *Edith Nellie Perkins*. The flowers come singly on long cutting stems and are enhanced by the enormous leaves. *Gloaming* is a lighter and softer shade on a more vigorous spreading bush.


If I had to choose just one yellow I think it would be *Mrs. Pierre S. Du Pont*. Year in and out it produces more nice small buds than any other. *Golden Dawn* and *Feu Pernet-Ducher* are much larger and finer at times but not as steady and reliable thru the season.

There is as yet no outstanding white in the repeat bloomers. For gorgeous white roses the old *June rose*, *Frau Karl Druschki*, hasn't yet been equaled. But this grows to 6 feet or more, so its location must be chosen carefully. The new *Rex Anderson* appears very promising as it has vigor, a character so lacking in the white roses.

Nice Smellers Those who wait at the lost fragrance in modern roses should try *Crimson Glory*, *The Doctor*, *Condesa de Sagato*, and the new *Hector Deane*. These have all the old-time fragrance plus better form, color, or growth.

Every rose garden should contain a few of the lovely single roses, usually referred to as the Irish Singles. Perhaps the best is *Dainty Bess*, with its many wine-red stamens and six broad petals of a soft pink.

There must be a fence or an arch somewhere in the garden which begs for a climbing rose to cover and glorify it. Favorites here with me are *Dr. Huey*, dark red; *Mary Wallace*, pink; *Golden Glow*, yellow; *Glenn Dale*, tiny white buds; *Zephirine Drouhin*, thornless pink; *Sunday Best*, pink with white center; and *Souvenir de Claudius Denoyel*, intensely fragrant red.



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Mrs. Blake wanted the extra convenience that an added half bathroom would give, but they both thought they'd have to wait for a while. "We couldn't afford it now," he said.

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SEE OUR GUARANTEE TO YOU . . .  . . . PAGE 115

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This Month



New England Colonial tradition is being rapidly and successfully adapted to California back-grounds. Better Homes & Gardens has shown you many good examples of this interesting trend, but the Thompsons for their summer home put the southwestern idea of open planning into their Connecticut landscape with very happy results

LIKE longhorns, cactus, big tall boys who can "lay" basketballs in the net, big beautiful gals who become oomph girls in Hollywood, iron-armed footballers who can throw a pigskin a hundred yards, and governors who can croon, this house grew up in the great Southwest.

Of course, you see it here sitting at the bottom of a Connecticut knoll, but its blood is as southwestern pure as the ten-gallon-hat bronco-busters who invade Madison Square Garden every year. It just goes to show, as do the cowboys, that a combination of open friendliness and good physique can wow 'em anywhere—and this house has the physique, both in line and in body, that backs up the appeal of the open planning.

BESIDES the general idea of the wide-open plan from the wide-open spaces, another note fairly new and refreshing to Connecticut is the vertical boarding and the not-too-regularly spaced battens—a subject (board and batten) to be taken up more in detail in next month's *Better Homes & Gardens*.

Incidentally, the current popularity of board and batten was given much stimulus and impetus by a

Bildcost Gardened-Home feature in the April, 1939, *Better Homes & Gardens*. It presented a very attractive and outstanding example of the modern application of board and batten to traditional and regional styles.

A New Yorker, George P. Thompson, designed the house as a summer and week-end place for Mrs. Thompson and himself.

Brookfield is the Connecticut post-office at which the occupants get their mail. The name of "The Ranch House" was early given to the place, as it was based on the Southwest's idea of rambling all over the lot.

CALIFORNIA may claim distinction as being the originator of the Ramling House; but the residents of Texas, New Mexico, Arizona, and Old Mexico, and before them the Indians, will probably be able to show desert and pasture country origin, and that the idea may have slipped into the Golden State by way of its southern extremities which are as much "Southwest" as "Pacific Coast."

The plot on which the house rests, by the way, is of $1\frac{1}{4}$ acres, leaving plenty of room for expansion. As a matter of fact, the Thompsons had,

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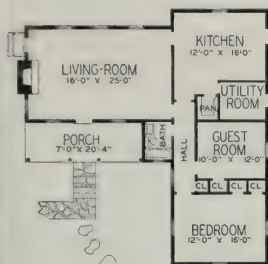
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"IT'S EASY TO STAY YOUNG ELECTRICALLY"

West Goes East



Floor Plan

Photographs by George H. Van Anda



Board and batten, increasingly popular these days, is one of the magnetic things about this house—a plan transplanted without B-I!



Knotty-pine paneled walls may add some reflected overtones to the piano's notes in this long living-room, so comfortably furnished, well daylighted, and solid beamed. It opens upon a large ranchhouse porch

and still have, plans to build on another wing at the living-room end and to create a secluded patio effect for outdoor living. The lot also provides plenty of play and garden space.

WRITES Mr. Thompson: "We believe the house has many features

of interest both inside and out.

"It has no basement, but it does have a utility room set three feet below the first-floor level to take care of the return flow from our hot-water heating system. The three-foot-deep area extends under the house—as a sort of false basement—and serves, in a way, [Turn to page 96



If you lived in this lovely house . . .



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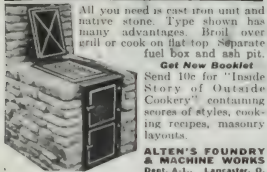
In this combined living-room and dinette, well-considered comfort clasps hands with the best in modern decoration. The walls, paneled in light antique, honey-colored Western Pine, the wood Venetian blinds, the furniture and furnishings blend in perfect harmony.

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Grow This Cutflower That Keeps Two Weeks

By Karl H. Blanch

Why Grow China-asters?

- 1 They have extra-long stems for cutflowers.
- 2 They produce flowers up to 6 inches in diameter.
- 3 The flowers, when cut, often last two weeks.
- 4 There are dozens of colors, and these colors mix well.
- 5 You can get bloom early in June or as late as chrysanthemums.
- 6 Their bloom fills July and August gaps in the perennial border.
- 7 Varieties range from branchy dwarfs not 10 inches high to 3 feet tall.



For the beginner the large, curly-petaled, wilt-resistant **Crego**, above, is one of the best. Below, wilt-resistant China-asters stage a gorgeous show against a hedge



THAT'S quite an imposing brief for China-asters—reason enough why they'll delight you if you once try them.

There's still time to get them started this spring. You can, of course, buy China-aster plants from your florist. But you've still time to sow the seed, for seed sown early in June or before will provide plenty of late autumn flowers.

Of course, you get earlier bloom if you sow the seed in a pot or flat in a sunny window in late winter,

then transplant them out when frost leaves the ground.

Good News About Wilt: If you've grown China-asters you're fully aware of the disease and insect enemies they have. Aster wilt, a fungus disease that causes full-grown plants to become suddenly limp, fall over, and die overnight, is one of the most heart-breaking diseases. No cure is known. But plant breeders have now developed wilt-resistant varieties, and they're develop- [Turn to page 84

Along the Garden Path

WHERE READERS AND EDITORS EXCHANGE TIPS

Morning-glory Pinching

IF YOU LIKE a beautiful display of morning-glories, don't let them climb too high. Snip off the top and they'll branch at the sides and fill in to the roots solidly. Remove large and ugly leaves to let sunlight thru. —Mrs. L. McQuellan, Mich.

Topping Hollyhocks

SNIP THE TOPS off your hollyhocks when they're 2 feet tall. Four or five blossom stalks will replace the one,

and altho they won't grow as tall, the blossoms will be just as large and much more plentiful. Where the flowering season is long, you may have a second crop of flowers by cutting the blossom stalks as soon as they've

reached their prime. —Ralph E. Palmer, Calif.

Repair Sprayer

MANY A HAND spray gun is thrown away because it has "given out." Usually the trouble is with the leather disk inside at the end of the plunger. Soak the disk in oil, letting it soften a day or so before screwing it back on again. Keep it oiled and it'll last years. When it finally wears, make a new disk of leather, oil, and fit into place. —A. K. Hinkley, Mass.

Glass Jars for Plants

INSTEAD OF INVERTING glass jars over my plants, I cut out the bottoms, slip the jars over the plants, and have the screw cover on top to remove and put back easily on mild days. To cut the bottom out of a jar, I saturate wrapping twine in turpentine, then tie it securely around the glass, light the string with a match, hold the jar horizontally, and turn slowly. As soon as the blaze has gone around, plunge the jar into cold water. It cracks off evenly. —Lillian P. Seale, Ark.

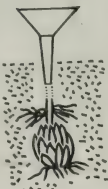
Salt That Path

TO KEEP the weeds out of your garden's worth, buy a dime's worth of rock salt and dissolve it in water. Sprinkle it along the garden path. It's a brave weed that dares to show its head. —C. H. Miller, Conn.



Sulphur for Madonna Lily

WHEN MADONNA Lilies are thru flowering, twist the stalk around in a circular motion and remove it. To prevent disease, insert a small household funnel in the space left by the stalk, pour in $\frac{1}{4}$ teaspoon of sulphur, and then fill the cavity with sharp sand. —Mrs. Grant Fairbank, Ohio.



Moss for Holding Moisture

I USE THE MOSS which grows in parts of my yard. I chop it and mix it around plants where the soil is dry. When I'm transplanting, I dig the hole a little deeper and put in a handful of moss. When making cemetery baskets, I put a moss layer over soil, moisten it, and insert flower stems thru the moss. They stay fresh longer. —Christine Stevens, R. I.

Seedflats From Oil Can

I MAKE SEEDFLATS out of 5-gallon oil cans. Cut them in two lengthwise and they make two flats just the size for a woman to handle. They don't dry out the way wooden flats do. Leave the cap on the can and it does

not bother. —Mrs. Otto Wolf, Kans.

Spraying Phlox

ABOUT THE MIDDLE of June I snip off 6 inches of lower leaves on my perennial phlox. Then I can spray the underside of all leaves, keeping that dreadful phlox pest, red spider, off my plants. —Amanda LeVarn, Mass.

Narcissus Care

AFTER YOUR NARCISSUS have bloomed and the foliage died down, dig the bulbs and lay them in the sun for a week. They'll grow bigger foliage and have larger blooms next year. —Mrs. D. L. Minter, Va.

Waterlily Leaves Removed

SOMETIMES WATERLILIES get too many leaves on a plant. This tends to keep them from blooming so freely. Pull a few of the old leaves off and see how flowering picks up. —Mrs. Donald Elliott, Tex.

NOW YOU CAN
"Dial"
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RECIPE

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 2. COOKED POTATOES
 3. COOKED FRUIT Cakes
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 5. WHIPPING CREAM
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DEPENDABLE**

Grow This Outflower That Keeps

[Begins on page 80]

ing more each year which will eventually take their places in our gardens.

Rules for Success: To you who want to grow the finest China-asters, here's what years of experience have taught me.

1. The healthiest China-asters are those grown most quickly; therefore, enrich your soil with plant food.

2. China-asters prefer sandy, alkaline soil. Lime applied to the soil two weeks before the plants are set out will help.

3. Cultivate frequently but not deeply. China-aster roots grow so near the surface and are so fine that they're easily hurt.

4. Mulch your plants with lawn clippings during the hottest weather. This will repay you. To prevent the spread of disease don't plant China-asters in the same place in successive years.

5. To get large flowers, pinch all but five or six buds off each plant. To get the most flowers, pinch back the tops several times when small to make the plant branch.

6. Give your asters plenty of water. Soak the soil thoroughly. A little watering is worse than none at all because it makes the plant roots grow toward the surface, where they're burned by midday sun.

Which Varieties? China-asters are of two classes: those with no lateral branches at all, and those with many or a few side branches.

Best known are the Branching Asters. Popular among these is the Improved Crego, which begins to bloom early in September. The flowers are large and curly-petaled, many to a plant. For the beginning aster-fancier they are among the most satisfactory of all to grow.

The first branching type was Vick's, or Semple's, American Branching. It still holds its place. It is early, prolific blooming, has blooms with strong, incurved petals.

California Giant, a specialized Crego, has few lateral branches and produces few flowers, usually 10 to a dozen, to the plant. It makes up in size and quality for the small number of the blooms. In this group, and the Super Giants, are found the largest-flowered asters produced to date. Los Angeles, with soft pink feathery petals, and El Monte, a rich crimson, have been grown with blooms more than 8 inches across.

Extremely early, beginning to flower in July, is the Queen of the Market type. The most-branching of all asters, it has small flowers, usually not more than 1½ inches across, but dozens on every plant. Burpee's Violet Glory, the first of a type new this season, is said to be the earliest of all asters.

How to Sow Seeds Indoors: As we said, there's still time to sow China-asters outdoors. But for early bloom next year, you'll want to start them indoors. Before sowing, disinfect the seeds with one of the mercuric-oxide seed disinfectants sold at seedstores. This helps prevent the



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Bon Ami Cake

leaves no oily film... polishes as it cleans

"hasn't
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dreaded damping-off that causes the seedlings to rot off at the soil surface. Be careful not to overwater the tiny plants; the surface of the soil should become quite dry between waterings. Spread a layer of clean sand on top of the soil in flats.

Aster seeds come up in 7 to 10 days. An interesting thing about small aster plants is the distinctly pleasant foliage odor, which becomes less noticeable as the plants grow.

Disease Control: Yellows, a virus disease which makes China-asters turn yellow and dry up, is transmitted from plant to plant by the tiny leafhoppers which sometimes infest midsummer gardens. These pests cannot, however, jump very high; a yard-high fence of cheesecloth fastened to stakes driven in the ground about the bed will keep them away from the plants.

Root aphid are found on the roots of sickly, stunted plants. If roots are dipped thoroughly in tobacco dust or dusting sulphur as they are being transplanted to the garden, the damage from aphid will be minimized. Pouring a solution of nicotine sulphate around the roots at intervals during the summer will be helpful as well.

A tarnished plant bug pierces the plant shoot just below the flower. It's about one-quarter inch long and can fly. While difficult to kill, spraying with nicotine sulphate will repel it. If weeds along fences nearby are kept cut, the breeding place of this insect will be destroyed. China-asters grown in cloth houses are usually free from yellows as well.

Next enemy is the black aster beetle. This critter actually eats the flower and, if left unchecked, can destroy an entire bed within a few days' time. It can be repelled, not killed, by spraying; but the best method of attack is to hold early-morning beetle-picking parties, during the course of which black beetles are carefully deposited in cans of kerosene! It's lucky that the season for this bug is a short one—a week or two after it first is seen it disappears as suddenly as it has come.

China-aster Don'ts

1. Don't let anyone make you think you can't grow China-asters successfully.
2. Don't confine yourself to one variety.
3. Don't let a dead, sickly, or deformed plant stand an hour in your garden.
4. Don't use the same soil two years in succession.
5. Don't harbor ants—They carry aphids to the roots.
6. Don't plant China-asters close to your wildflower garden.
7. Don't leave any dead tops on the garden in the fall. Burn them.
8. Don't let the first black blister beetles escape. They breed rapidly.
9. Don't raise single China-asters near your double ones.
10. Don't let your plants stand closer than 12 inches apart.



Four Men and a Girl on a Horse ..or How to be ahead in the Housing Handicap!

by ME AND HONEY CHILE

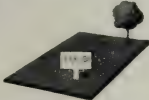


Dear Certain-teed:

Maybe you'd like to know why Honey Chile (that's my wife) and I think you're pretty swell. While we're not in the habit of writing fan letters to corporations, somehow Certain-teed's different.

Guess it's because you've had a lot to do with our thrill of a lifetime—building our home! It all started with "Butch"—our baby. When he came, Polly insisted that we had to "get our roots down".

A LOT we knew about it...



Truth is—what we didn't know about building a house would've filled a library. So many things to buy you've never bought before... strange names... a thousand questions... and problems to solve with carpenters, plumbers, masons, painters. Not to mention the confusing "do's" and "don'ts" from well-intentioned friends.



"Shall be what?"

said We—with a sigh!

We were ready to call off all bets and live in a tent—when we met our architect. And what a relief! He drew us pictures, planned each room to suit our family, and wrote up specifications on the *right* building products to buy.

That's how we first heard of you—for his specifications were full of "Certain-teeds." The shingles "shall be Certain-teed." The sheathing "shall be Certain-teed." The insulation "shall be Certain-teed." The plaster "shall be Certain-teed."

In fact, he specified so many "Certain-teeds" we thought he owned the company. We were tough customers, however, for we insisted on knowing why about everything. But you don't build a home every day—and you *do* want to be certain!



Even Charlie got a quizzing...

Charlie Abbott is the kind of contractor you'd leave your baby with—the sort of man my wife calls a "darling." As a boy I used to pester him with building questions—nothing though to the bombardment of questions he had to answer about our house.

"Well, Jim," he said. "You haven't changed a bit—you're still a demon for asking questions. 'Course you wanta be certain you're right, Son. Didn't I use Certain-teed on your Dad's house—and your Uncle Jim's? You can't beat Certain-teed, then or now. When it comes to building products that name's like Sterling on silver."



From Confusion to Certain-teed*...

Being an old hand in the business, maybe you don't know what it means to find a name among building products everybody trusts. But it meant a lot to us—especially when we discovered our Certain-teed dealer was an expert Building Counselor.

What he doesn't know about helping amateurs build their first home and making every dollar count just isn't in the book. He didn't try to sell us—but how he did *help* us. And when we found out he'd been handling Certain-teed Building Products for over twenty years we knew we were well ahead in the "Housing Handicap."

Confession by... The Happy Author

I imagine you've been wondering why I should be saying all these nice things about Certain-teed. Truth is, you deserve them, for we were a badly confused young



couple until we found people we could count on, all saying good things about Certain-teed.



"But That's Not All" says Honey Chile...

"Don't forget to tell them, Jim, we've been living in our home several years now and Certain-teed's never let us down. Not a cent for repairs—yet our home looks as good as the day it went up. And send them a picture of the house, darling. I'm sure they'd love it."



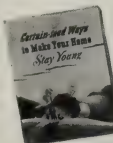
So here's the Happy Ending

The old family castle itself—in person! Maybe we're prejudiced but it looks mighty good to us! For it's *our* home. We planned it... dreamed over it... worked for it. And, it's good to know its the kind of home that will give us happiness for years to come. As *you* might say... it's Certain-teed to last.

Happily Yours,
Me and Honey Chile

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What's Exquisite



A Waterlilies

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- 2 They thrive during summer drouth and heat
- 3 They bloom constantly
- 4 They have few pests
- 5 They need little care
- 6 They make excellent outflowers

By **Alfred C. Hottes**, Garden Editor, Better Homes & Gardens

IN MIDSUMMER heat, when the sun burns out of a pale sky and the garden is parched and dry, there's still one oasis, still one plant that's cool and crisp and resplendent with loveliness. It's the waterlily.

No garden in any section of the United States where summers are hot should be without a refreshing pool and waterlilies. Waterlilies thrive on sun and heat. They're the envy of all visitors from northern Europe, where the summers are cool but no good for waterlilies.

To assure you of success with them we've asked leading growers to answer your questions. Here they go:

Q. What all does one need to grow waterlilies?

A. You need a sunny pool 18 to 24 inches deep. You need waterlily

plants, which you can buy from nurseries, seedstores, and water gardens. And you need a 10- to 12-inch-deep box full of rich soil. That's all.

Q. What kind of waterlilies are there to grow?

A. Some waterlilies are wild, but they don't bloom as well as those expert breeders have developed. Many of them are hardy; that is, they can survive in the pool thruout the freezing winter. Others are of tropical origin and are tender. Some of these tropical sorts bloom at night, because they are wild in countries where the blistering sun would soon melt the flowers. On cloudy days night-bloomers stay open all day as well as night. These night-bloomers are generally the largest and most profuse.

All Summer?



Colonel Lindbergh is a blue tropical with marbled bronze leaves. Another, Blue Triumph, has grown to 13 inches in diameter. Note flowers stand above water

Q. Which shall I grow—hardy or tender varieties?

A. S. H. Byram, Martinsville, Indiana, answers: "Tropical water-lilies require no more attention yet give many more flowers than the hardy ones. A vigorous, night-blooming plant will fill a large garden with delightful fragrance. Tropical water-lilies grow rapidly and start flowering early. The flowers stand 4 to 8 inches above the water surface whereas the blossoms of the hardy sorts open flat on the water."

Q. If I had room for only four varieties, what would you advise?

A. Charles L. Tricker, Saddle River, New Jersey, answers: "I would advise tropicals, but limiting me to four puts me on the spot. The following, however, don't need to be coddled in any way: Blue Beauty (Pennsylvania), a deep blue; Independence, a pink which varies in depth of color; Mrs. George H. Pring, a pure white; and August Koch, a wisteria-violet."

To these C. C. Thomas, Lilypons, Maryland, adds Panama-Pacific, a deep reddish purple; and Mrs. C. W. Ward, a deep rosy pink.

And Mr. Byram adds, "Of the day-bloomers, I'd like to recommend Colonel Lindbergh, a blue; Zanzibar Rosea, a pink; and also these night-blooming sorts: Devonshire, a brilliant red; Juno and Missouri, pure whites; and Emily Grant Hutchings, pink."

Harry Johnson, Hynes, California, says, "Among the blues I'd place Blue Triumph first. It's a dark blue, has grown up to 13 inches in diameter, has stood temperatures as low

as 12 degrees above for weeks on end and come thru smiling, while Pennsylvania has been forced completely dormant."

George Pring, waterlily breeder of the Missouri Botanical Garden, adds that "Missouri opens early in the evening and remains open late in the morning, thereby becoming a companion of the day-bloomers."

Q. What are the arguments in favor of hardy water-lilies?

A. They're cheaper and can be left in the pool all winter in many of the northern states without dying. They grow well in very small pools and they succeed in cooler climates.

Q. How soon in the spring should one plant tender water-lilies?

A. In the latitude of Chicago, Cleveland, and New York City, the first week in June is the ideal time to plant tropical water-lilies. The water has become warm. Farther south, planting time is advanced a month or two. But avoid planting tropical water-lilies in cold water. And if the plants from the nurseries are small, the water mustn't stand over them more than 12 inches.

Hardy varieties may be planted as soon as the spring urge strikes you, for they'll stand colder water and weather.

[Turn to page 96]

Leaflet gg 1, "How to Build and Plant a Pool," tells how to construct formal and informal pools with or without forms, how to mix the concrete, how to keep the pool waterproof. For this leaflet, send 6 cents to 6706 Meredith Building, Des Moines, Iowa.

Even though you don't live in a GLASS HOUSE...



THE COMMUNITY WILL SOON KNOW WHAT KIND OF PERSON YOU ARE



BACK-FENCE GOSSIP travels fast. No better ground exists for the rumor that yours is a family of good taste than a finely appointed Kohler bathroom. Kohler anticipates trends, has perfected matched fixture designs, color harmony and luster-finish. Yet Kohler quality is a thrifty buy.



A DOWNSTAIRS WASHROOM instantly marks you as one who thinks ahead. Your Kohler "Lavette" not only increases the size of your house, but also brings you lasting satisfaction and a new feeling of self-esteem.



IN THE HOUSEWIFE'S WORKSHOP Kohler has done much to brighten hours of monotony. Kohler kitchens are planned for "finger-tip" control. The sink, the base and wall cabinets—all work together to save time and steps.

The completeness of the Kohler factories, the superiority of the vitreous china, brass fittings, and enameled cast iron; the centralization of manufacture... all these are factors which combine to give you better products and better service. Kohler Co. Founded 1873, Kohler, Wisconsin.

SEND FOR FREE BOOKLET

★ ASK ABOUT OUR EASY TIME PAYMENT PLAN

FREE!

KOHLER

OF

KOHLER

PLANNED PLUMBING AND HEATING

Please send me your beautiful 24-page booklet, in 4 handsome colors, containing new plans and color schemes for bathrooms and kitchens. Address Kohler Co., Dept. 2-1-6, Kohler, Wis.

☐ I Plan to Build ☐ I Plan to Remodel

Name

Address

KILLS FLIES MOSQUITOES MOTHS

FLYDED kills them quickly. Pleasant to use. Get it at Drug, Hdw., Grocery, 10¢ Stores.

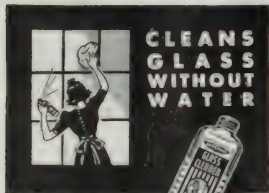
FLYDED

INSECT SPRAY

WAX FLOORS WITHOUT RUBBING

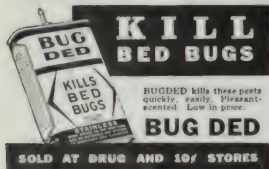
AEROWAX dries to a lustrous, protective finish on floor or linoleum. Get a can today—at Drug, Hdw., Grocery, 10¢ Stores.

AEROWAX NO RUBBING WAX



Spray Aeromist on window, windshield, mirrors—then wipe it dry. They'll sparkle! Ask for Aeromist at drug, grocery, 10¢ stores.

AEROMIST



HIDE UGLY SCRATCHES IN YOUR FURNITURE AND WOODWORK



IT'S EASY WITH AERO SCRATCH REMOVER

And economical, too. Helps restore the original beauty in ugly, marred wood surfaces. Easily buffed to a luster.

SOLD AT DRUG AND 10¢ STORES

A-hosteling We Go!

[Begins on page 40]

Northfield, Massachusetts. Here many come to secure their equipment and to make their start. Bicycles can be rented here, or they'll be shipped to any part of the country.

You want to hostel? Simply send to AYH Headquarters, Northfield, Massachusetts, for a passport. This costs \$1 if you're under 21, \$2 if over. This you surrender to the house-parents when you enter, a hostel and get it back next morning with their visa after you've made all tidy. Anyone who doesn't seem a desirable influence doesn't get his passport back and can hostel no more. However, in the five years



One pleasant hostel loop starts at Muskegon, follows the famous Sand Dunes along Lake Michigan

of hosting in this country, only two passports have been revoked. There's something about hosting, I've discovered, that attracts only real square-shooters.

AND still you haven't heard the half of it! For hosting is so much more than an inexpensive way to travel. Most of those who do it could afford to sight-see far more luxuriously. The big thing is that hosting builds just those traits which youth, which all of us, need most— independence, self-reliance, co-operation. It's a return to a simpler, harder way, to satisfying, self-made pleasures. It's an opportunity to know this marvelous country of ours, its beauty, its history, its industries and resources.

The young hosteler picks his own route, budgets his money, plans his meals, buys his food, and cooks it himself. Food is of the simplest and most healthful, tending more and more to raw vegetables, fruits, and cereals as one progresses.

LIGHTS must be out and everyone in bed at 10. Rising hour is at 7. Each hosteler cleans up tidily, leaving all neat for the next group. No smoking is allowed, because of the fire hazard, because of the many youngsters who hostel, partly to conserve "wind" which will be badly needed. Drinking, of course, is also taboo.

If you feel, however, that your youngster isn't quite ready to start out entirely on his own, there are the sponsored tours which supply supervision and assistance where needed.

Noteworthy points in the neighborhood of a hostel are always indicated in the AYH Handbook, and I notice that hostelers take them in.

Hostel parents are chosen for character, personality, and interest

I LEARNED THIS



FROM MOTHER

28 years ago, Sani-Flush was introduced. It freed mother from bathroom slavery. This powdered chemical keeps toilets clean and sanitary. It removes rust, grime, incrustations. It has no odor. It cannot injure plumbing connections.

For 28 years, Sani-Flush has been the easiest and best known way to keep toilets sparkling clean. Just sprinkle in a little of this powder twice a week. (Also effective for cleaning out automobile radiators.) See directions on can. Sold by grocery, drug, hardware, and 5-and-10¢ stores. 10¢ and 25¢ sizes. The Hygienic Products Co., Canton, O.

Sani-Flush

CLEANS TOILET BOWLS
WITHOUT SCOURING

BROIL DELICIOUS STEAKS AND SERVE COMPLETE OUTDOOR MEALS WITH CHARCOAL GRILLE



Glowing coals in 7 minutes

Made of GREY CAST IRON and Scientifically Designed for HOME GARDENS - CAMPS PRIVATE & PUBLIC PICNIC GROUNDS PARKS - BEACHES - CLUBS - RANCHES LODGES

Use Charcoal Grille By Itself Or Build It Into Your Fireplace

Two Hinged Cooking Grids, Each 19"x17"x13"

WEIGHT 96 lbs. — PRICE \$14.00

CARLEY HEATER CO., INC.
CLEAN, N. Y.

IDEAS for our Home-Builders

HUNDREDS of them! The very ideas you are seeking to help make your home a dream come true. Pictures and floor plans for 136 new homes as well as many building pointers. See your newsdealer today for a copy of "NEW IDEAS FOR BUILDING YOUR HOME" published by Better Homes & Gardens.

in youth, for hosting is a non-profit affair and house-parents do little more than break even. Many also have some hobby or accomplishment, which makes them fascinating to youngsters.

BUT the thing about hosting that struck me most is its friendliness. When you arrive at a hostel, whatever your age or sex, you don't go thru any period of getting acquainted. Step inside a hostel and everyone there is your friend, welcoming and helping you wholeheartedly. I know from a short hosting experience.

I found myself headed for the grocery store with a young man I'd never seen before. Buying our supper supplies together, we saved on staples. Two high-school boys from New York City loaned us their cooking equipment, and when a hungry newcomer came in at dusk we put together what we had left and fixed him up with a meal. Before the evening was over, he and my supper collaborator, each of whom had come to Northfield alone, had teamed up.

That night after we'd washed our dishes and cleaned up, we sat around the fire and swapped experiences. Tenderfeet listened big-eyed to the young man who had hosted all over the Scandinavian countries. And they were entranced by the Washington, D. C., professor and his wife who started hosting by going to Europe and bicycling 1,200 miles. This summer they were seeing America, having cycled 873 miles in a week and a half.

DON'T get me wrong. The AYH doesn't encourage speed for speed's sake or the unreasonable cutting of expenses. But experienced hostelers do get onto tricks. The most important is to have the lightest possible bicycle—and no gadgets beyond bell and lights. For you must carry a certain amount of equipment, and every ounce counts when you're pushing it uphill!

But back to my own hosting. Presently the house-parents called us in for songs and square dances. We thought we were tired, but with the first bars of music we were off! The professor's wife, pigtailed flying, looked about 12. Her Ph. D. husband, trousers caught up with bicycle clips, barelegged, wearing the sandals many hostelers affect, whirled his partners with all the verve of a high-schooler. Some youngsters, I'm told, stuck up their noses at the square dances and went to jitterbug. But after they've hosted a while they come back completely sold on the old-time square dances.

High point of the year for hostelers falls during Christmas vacation. Hundreds flock to good winter loops for big reunions, bring skis and skates, chip in on the turkey and fixings, help cook the feast.

SO THERE it is, folks—America going the hostel way. Let's get in on it. Let's connect our communities with the nearest hostel loops, or if we live in a scenic section let's start a loop! No fancy arrangements are needed, just house-parents to whom we'd be willing to trust our own boy or girl, space to build two bunk-

BUILD RIGHT THE FIRST TIME!



GUIDE TO HOME PLANNING

How to Plan Your Home
Before You Build It

This Book

WILL HELP YOU DETERMINE YOUR
HOME BUILDING NEEDS!

Your family has many individual requirements which should be seriously considered when home building is contemplated. The needs and conveniences of wife, husband, children and others of its members should be carefully analyzed and recorded in advance. If you start by determining exactly what you need in a home you will build right the first time—and economically.

The "Guide To Home Planning" in *Home Owners' Catalogs* will help you make this analysis... to relate the individual needs of members of your family to the rooms they will occupy... to consider which materials and equipment are most appropriate... and to study furniture arrangements, room by room. *Home Owners' Catalogs* is not for sale, but those who comply with the restrictions below can obtain a free personal copy without cost or obligation. It will be sent by mail, prepaid, in the interests of many leading firms who provide home building products or services.

NOT FOR SALE

Home Owners'

CATALOGS

RESTRICTIONS—*Home Owners' Catalogs* will be sent only to owners who plan to build—or moderate—homes for their own occupancy within 12 months, within the 27 states east of the Rocky Mountains, costing \$4000 or more for construction, exclusive of land. Every application must be accompanied by a personal letter giving (1) description of proposed home, (2) when you will build, (3) location, (4) expected cost, and (5) name and address of architect, if selected. EVERY APPLICATION WILL BE VERIFIED BY A DODGE REPRESENTATIVE.

F. W. DODGE CORPORATION,
119 West 40th St., New York, N. Y.
I hereby apply for a copy of *Home Owners' Catalogs*, which is to be sent prepaid, without cost or obligation—in accordance with above restrictions. My letter is attached.

BHG-6-40

Name.....
Street.....
City.....
State..... Phone.....

rooms, one for boys, one for girls, each holding a minimum of 10 bunks. At Northfield, where the hostel can sleep 100, bunks are triple-decked.

Hostels can be located in old houses, barns, schoolhouses, garages, on porches. Let the boys and girls of the neighborhood help get yours ready, make furniture, tie quilts, stuff straw mattresses. They'll love it. AYH headquarters at Northfield, Massachusetts, will tell you what to do and how to do it, and may be able to put you in touch with other interested persons in your vicinity.

AND start your youngster hosting. Go along if you can. Better yet, let him choose his route and you choose yours. Ship him off to the nearest hostel point. The house-parents will look after him, get him started right, see that he finds congenial and suitable traveling companions.

And if, crossing a hostel trail this summer, you should meet a group of young things pedaling blithely along, with a puffing lady far in the rear, working hard to keep up—please look again.

That puffing pedaler might be I!

Baby Clinic

FOR PUZZLED PARENTS



Editor's Note: Here's a new service for parents. What is your child problem? Gladys Denny Shultz will be glad to help you with all but medical questions (which should be referred to your doctor).

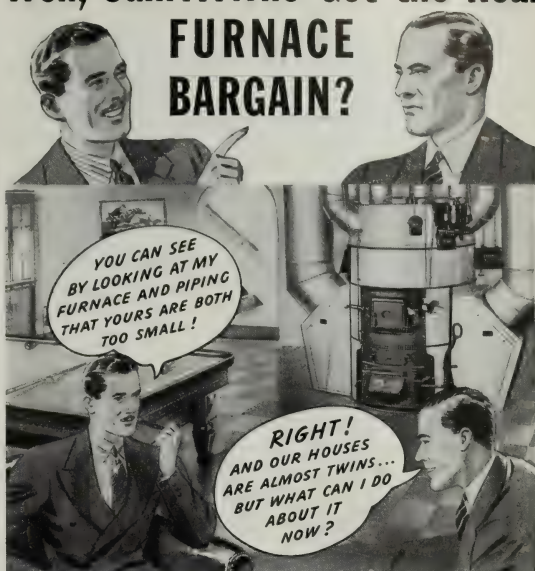
Dear Mrs. Shultz:

"My 16-months-old boy already is a combination of bad temper, irritability, and hitting back. He's found that thumb-sucking arouses adult displeasure, so he uses it to get even. Every 'no, no' is met with rage, and into his mouth goes the thumb."—Mrs. H. I.

Most children resent being "no-no'd" even as you or I. Your son is an intelligent little chap who's found he can become the center of the household just by sticking his thumb in his mouth. I get a picture of a toddler ranging the house, getting into constant mischief. Let's put him in a play pen except when his movements can be supervised. Let's surprise him by ignoring that thumb. Let's relax in your conscientious desire for a perfect child and enjoy him for what he is—a normal 16-months-old baby.

Have you a child-training problem? Gladys Denny Shultz will be glad to help. Address her at 5106 Meredith Building, Des Moines, Iowa.

Well, Sam... Who Got the Real FURNACE BARGAIN?



YOU CAN SEE
BY LOOKING AT MY
FURNACE AND PIPING
THAT YOURS ARE BOTH
TOO SMALL!

RIGHT!
AND OUR HOUSES
ARE ALMOST TWINS...
BUT WHAT CAN I DO
ABOUT IT
NOW?

BEN: Why not call the Holland man? He's a real heating engineer. He knows how to find out exactly what you need and nobody can supply it for less money!

SAM: Sure I'll call him. It'll be fine if he can even come close to giving me the same comfort and low fuel cost you get. Even so, I will have paid for a Holland, without having it.



HOLLAND ENGINEER: That fan I put in your furnace will speed up air circulation so that every room is comfortable. Besides, it will cut down coal bills and make your furnace last longer.



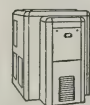
MRS. SAM: Really cozy at last! **SAM:** I'll say! Just vexes me all the more because we didn't have Holland all the way. We'd have a better heating plant at much lower cost!

Up to 3 Years to Pay

● Like Sam's heating plant, yours may be quite unsatisfactory and still too good to replace. If so, the local Holland engineer will show you how to help overcome your difficulties at the lowest possible cost. If a new furnace is the only practical solution, remember, a Holland Heating System is not only the finest money can buy but, part for part and size for size, it will cost less than any other. You

will be sure, too, of perfect heat in every room as guaranteed by the factory, with lower fuel bills, less furnace tending and remarkable freedom from costly repairs. Why have less when a Holland is so easy to own? You virtually make your own terms—take up to 3 years to pay! Mail the coupon or call the Holland branch listed in your phone book for complete information.

HOLLAND AUTOMATIC FURNACE AIR CONDITIONER



Both first cost and operating costs have been incredibly reduced by the new Holland Automatic Furnace air conditioner for oil or gas. Complete automatic air conditioning in winter—a decided cooling effect in summer.

HOLLAND FURNACE COMPANY HOLLAND, MICHIGAN

World's Largest Installers of Home Heating and Air Conditioning Systems

HOLLAND FURNACE COMPANY
Dept. BHG-6, Holland, Michigan

Please rush information about subjects checked: ☐ Holland Coal Furnaces, ☐ Automatic Furnace Air Conditioner for Oil or Gas, ☐ Automatic Oil Burners, ☐ Automatic Stokers, ☐ FREE FURNACE INSPECTION.

Name.....

Address.....

City..... State.....



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CHARMING ROOMS!

OLD COLONY Furniture helps you to create charming, livable rooms throughout your home. The simple, traditional beauty: the soft, mellow finish of Old Colony pieces blend gracefully into your decorative schemes, too. At the better stores, everywhere.

- Send 10¢ (coin preferred) to Department B-6, Heywood-Wakefield Co., Gardner, Mass., for this helpful 24 page book on Old Colony Furniture.



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GARDNER, MASSACHUSETTS

FINE FURNITURE SINCE 1826

Heat HOME or CAMP

WITH this **FIREPLACE** Circulates Heat... Warms Entire Room

Build a Heattilator in home or camp and enjoy the solid comfort of circulated heat that warms every corner of the room—and even adjoining rooms. Proved all over America. Thousands of owners say it cuts home heating costs because it saves weeks of wasteful furnace fires every spring and fall. In mild climates it is frequently the only heating unit used.

Architects recommend it for quick, uniform heating of basement rooms. It makes camps usable weeks longer—even for winter week-ends.

WILL NOT SMOKE

Concealed inside the masonry, the Heattilator is a double-walled steel form around which any style of fireplace is correctly built. Eliminates the usual causes of smoking. Saves firebrick and other materials. Adds but little to fireplace cost.

Send a postcard today for complete information about this modern fireplace.

HEATILATOR COMPANY
426 E. Brighton Ave.,
Syracuse, N. Y.

HEATILATOR Fireplace

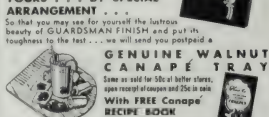
DARE You Spill BOILING WATER on Your Furniture



You will want **Guardman Finish** for Your Furniture

Out of the research laboratories has come a beautiful new finish that can really "take it." Spilled boiling water or liquor (even 100 proof) are no longer tragedies. Guardman Finish is highly resistant to hot dishes, marks, and scratches, too. Ask for **FREE** Guardman Finish when you buy furniture. It is identified by the permanently affixed Guardman Seal. You will want to know all about Guardman Finish—its new beauty, its features of toughness and durability. So send for this new, free, instructively interesting booklet.

FREE Yours . . . BY SPECIAL ARRANGEMENT . . . So that you may use for yourself the lustrous beauty of GUARDSMAN FINISH and put its toughness to the test . . . we will send you postpaid a



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DEPARTMENT 8, GRAND RAPIDS, MICH.

- ☐ Send me your free Guardman Finish booklet.
- ☐ Send me postpaid your special Walnut Guardman Finished Canape Tray with Free Canape Recipe Book. Enclosure 25c.

NAME _____
ADDRESS _____

AMONG

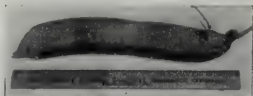


ONE of *Better Homes & Gardens'* most famous and best-loved readers is **Margaret Speaks**, originally from Columbus, Ohio. She needs no formal introduction because you hear her lovely voice every Monday night on the Voice of Firestone program over NBC. With Miss Speaks, horticulture is second only to her music. She owns a country place in Westchester County, just a trill or so from New York City, where she raises flowers, fruit, and vegetables as a hobby—while she practices her music in concert with her contemporaries, the birds. It was Miss Speaks who, a little over a year ago, was chosen by David Burpee to introduce officially the new Red and Gold Marigold at its celebrated Waldorf-Astoria debut.

Can you match this in your vegetable garden? Comely Mrs. William Cooper, Dunellen, New Jersey, and her daughter, Marie, who must have taken the picture, are inclined to believe that vegetable gardening, canning, and preserving is a fast disappearing art in America—which they greatly lament. Do others agree?



Two youthful *Better Homes & Gardens* fans: On the left, Mr. Charles Steven Walker, Boise, Idaho, at 20 months. On the right, Mr. David Richard Waltman, Alexandria, Virginia, at 13 months—all dressed up in garden togger



Believed the result of cross-pollination, this foot-long pod, 2 inches wide and an inch thick, containing 10 beans, was grown by T. Horsey as an ordinary bunch bean, according to Jos. McGrath, Crisfield, Md.

OURSELVES



Here are the two girls who put the Northwest's beauty on paper for us (page 16): *Isabel Costigan*, with the dark hair, worked her way thru the University of Washington and became successively a newspaper reporter, photography hobbyist, and home economist for three of Seattle's largest concerns. Has a small daughter.

Cecil Ostrom, the blonde, had her first garden when she was 2; studied journalism under the Plain Dirt Gardener at Ohio State University. Later she studied interior decorating and collected antique Oriental rugs—as hobbies. Has daughter, Karen, 2; and is in throes of her second house-remodeling job. Likes to dig up jolly maps



Newly completed home of May F. McElravy, Denver, Colorado, author of the "college daughter" rebuttal, page 70. Planting had not been completed when this photo was taken. The home has been christened "El Encanto"



The Architect-Editor in deep study

Tattle Tales: Many have asked to see what Architect-Editor John Normile looks like. Here he is. And the biography, briefly: He was born in Bloomington, Illinois; attended St. Thomas College and University of Illinois School of Architecture (1917); worked at various building trades for experience during summer vacations; saw two years' service as Lieutenant of Engineers, 1917-18; took post-graduate work in Paris; has been practicing architect in Des Moines since 1920, and Architect-Editor of *BH&G* since 1931; has designed some of Des Moines's most beautiful homes, and public and industrial buildings; has made, by his selection of houses and direction of the department, the *BH&G* Bilcote Gardened-Home Plan the most talked of and widely used home-plan in America.

For pleasure and recreation, he plays golf and travels around looking for new home plans to conquer.

In this issue you'll find the Bilcote home on page 74, some remodeling ideas on page 24. Next month, in addition to the Bilcote home, Normile brings you a presentation of three homes from the West, each with a different wood-exterior treatment.

Extravaganza: In a release to the press, telling all about the spectacular new lighting of the 1940 Golden Gate Exposition (made famous in 1939 by the fascinating illumination), its backers also promise new color to the daytime spectacle—the gardens; viz:

"NEARLY A MILLION new annuals have been planted in the flower beds, half of which will blossom in the early weeks of the Exposition and the remainder from July to September. Each individual court has its decorative plants. In the Court of Honor are magnolias, daisies, and Sweet-william; in the Court of Reflections, vivid red ranunculus, California Poppies, and geraniums; at the feet of the gigantic statue of Pacifica have been planted phlox, calendula, purple stock, and blue petunias; in the Court of the Seven Seas are dahlias, godetia, and begonias; in the Court of the Moon and the Court of Flowers are calla lilies, red snapdragons, and golden pansies; about the Aviation Building there are chrysanthemums, and thruout the grounds are beds of marigolds, asters, and Iceland Poppies.

"The gardens of the Golden Gate International Exposition of 1940 will be even more beautiful and more varied in pattern than the remarkable display which made Treasure Island so attractive last year."

AMAZING PROFESSIONAL MOTHPROOFING METHOD now available for home use



Why not?

Yesterday Bill Johnson bought this \$45 suit. When it arrived, Mrs. Johnson immediately sprayed it all over with LARVEX. That took only a few minutes and cost less than a single "pressing"—yet gave Bill's suit the positive LARVEX protection against moth damage that has been used for years by leading woolen mills, laundries and dry-cleaners.

As a result of spraying all their clothes—old and new—once a year with LARVEX, the Johnsons will never find a moth hole.

Because moths starve to death rather than eat LARVEXed clothes, sofas, rugs and drapes... and there's no odor, no wrapping, no storing away! Your woolens are protected against moths for an entire year and not even dry-cleaning will impair this sure protection!

And LARVEX is inexpensive—only 79¢ per pint, \$1.19 per quart. So it costs less than a single pressing to mothproof a suit for a whole year with LARVEX.

At all drug and department stores. LARVEX, Chrysler Bldg., New York.

LARVEX IS DIFFERENT...

CHEAP!

67¢ worth of LARVEX will mothproof this \$89.00 upholstered chair.



QUICK!

A few minutes with LARVEX will mothproof a woman's coat for 12 months.



EASY!

The LARVEX sprayer gives a continuous spray—so simple a child can use it.



SURE!

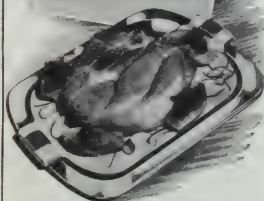
See this spectacular display at your Larvex dealer's. A covered dish showing treated and untreated cloth with live moth worms. Proof right before your eyes that moth worms cannot thrive on Larvexed material!

LARVEX

ONE SPRAYING MOTHPROOFS FOR A WHOLE YEAR

THE NO. 1 HIT IN THE KITCHEN PARADE

"PEASANT-WARE" BROILER WITH SERVE TRAY



AN EXCLUSIVE FEATURE WITH ROPER GAS RANGES

Lets you serve foods piping hot direct from broiler to table. You bring them to full-flavor deliciousness with a "Peasant-Ware" pottery grill and enameled broiling pan. Then you serve them at the table from this grill and a chrome serve tray. Never before anything like it. Other Roper features complete an ideal cooking service that saves time, food, money.

STAGGERED TOP

Roper's exclusive patented cooking top. A full 41 inches. Greater convenience. More room. Eliminates hot utensil handles. Most practical top in existence.



Roper Gas Ranges are ideal for use with any type of gas, including bottled gas.

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Rockford, Illinois

Send me your interesting new booklet,
"The Happy Hubbards Go To Town."

Name.....

Address.....

FOR 55 YEARS

RECIPES FOR

So Good Meals

[The Meals Appear on Page 37]

Jellied Ham Loaf

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---|---|
| 1 smoked picnic shoulder (5 cups cooked meat) | 3 cups stock |
| 1 tablespoon prepared horse-radish | 2 tablespoons (2 envelopes) unflavored gelatine |
| 1 tablespoon prepared mustard | ½ cup cold water |
| | 3 bouillon cubes |

Cover picnic ham with hot water; simmer until tender; about 2 hours. Cool in stock. Put lean meat thru food chopper, using coarse blade; measure 5 cups. Add horse-radish and mustard; mix well. Reheat 3 cups stock; add gelatine, softened in cold water, and bouillon cubes. Add to meat mixture; chill until firm in 5- by 10-inch loaf pan oiled with salad oil. Garnish with sieved, hard-cooked eggs. Serves 8 to 10.

Vegetable Veal Birds

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|------------------------------|--------------------------------|
| 1½ pounds veal round | 3 tablespoons fat |
| 3 small carrots, halved | 1½ cups water |
| 6 3-inch pieces celery | 2 tablespoons flour |
| 6 strips green pepper | 1 cup water |
| 1 medium-sized onion, sliced | 1 2-ounce can sliced mushrooms |
| | 2 tablespoons butter |

Cut veal in six serving pieces. On each piece place a carrot half, piece of celery, a green pepper strip, and an onion slice; roll and fasten with toothpicks. Brown in hot fat; add 1½ cups water and simmer until tender, about 1 hour. Remove meat. Add flour to pan drippings; blend. Add 1 cup water; cook until thick, stirring constantly. Add mushrooms, browned in butter. Serve with or over veal birds. Serves 6.—Charlotte Rice, El Dorado, Kansas.

Potato Salad in Aspic Ring

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|--------------------------|---|
| 4 cups tomato juice | 3 tablespoons (3 envelopes) unflavored gelatine |
| ½ small onion, chopped | ½ cup cold water |
| 3 stalks celery, chopped | 1 16-ounce can consommé |
| 4 whole cloves | 3 tablespoons lemon juice |
| 2 bay leaves | |

Simmer tomato juice, onion, celery, and seasonings 20 minutes. Strain; add gelatine, softened in cold

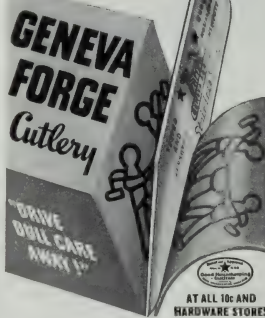
Let your husband run his thumb on this Geneva Forge knife

then tell him it only cost **10¢**

HERE'S amazing news about kitchen knives. Geneva Forge now makes extra-hard Stainless Steel Knives, with imported Cocobolo handles, non-staining — at dime store prices! Friend husband will think you're the world's best shopper. Just look for the Geneva Forge emblem with stars on the blade. At dime and hardware stores.

Geneva stainless steel blades are furnace-hardened and drawn-tempered. Geneva Cocobolo handles are specially processed to prevent "staining". Paring knives are 10c to 25c. Butchers and slicers 25c to 50c.

GENEVA FORGE INC.
Sales Offices: 1949 N. Cicero Ave., Chicago



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Full directions for ALL methods of canning. Price 10c. You too can SAVE money. Use KERR Mason Jars and Caps for all canning.

Send 10c in coin to KERR Mason Jar Co., 120 Title Insurance Bldg., Los Angeles, Calif. for your copy of the KERR complete Canning Book.

CLIP AND
SEND
TODAY!

NEW HOME INCINERATOR

Uses No Fuel

Now... a quick, easy, odorless garbage and rubbish disposal in your own basement. Just connect the Majestic No. 30 to your furnace flue — costs nothing to operate! Neat, modern, sanitary! Priced Low.

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water; stir until dissolved. Add consommé and lemon juice. Pour into 9-inch ring mold; chill until firm. Unmold; fill center with Potato Salad. Serves 8 to 10.

Potato Salad

- | | |
|-------------------------------|-----------------------|
| 4 cups diced, cooked potatoes | 1 cucumber, diced |
| 1 small onion, chopped | 1½ teaspoons salt |
| 3 hard-cooked eggs, sliced | 1¼ teaspoons paprika |
| 1 cup chopped celery | ¼ cup French dressing |
| | Salad dressing |

Combine ingredients, except dressings. Pour over French dressing; marinate and chill 4 hours. Just before serving, add salad dressing to moisten; toss lightly.

Deep-Dish Rhu-berry Pie

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|----------------------|----------------------------|
| 1¼ cups sugar | 2 cups halved strawberries |
| ½ cup flour | 3 tablespoons butter |
| ¼ teaspoon salt | |
| 3 cups diced rhubarb | |

Mix sugar, flour, and salt; add fruits and mix thoroly. Place in greased 2-quart baking dish; dot with butter. Bake in a hot oven (425°) 15 minutes; top with Pastry Circles and continue baking 20 to 25 minutes. Serves 6 to 8.

Pastry Circles

- | | |
|--------------------------|-----------------------------------|
| 2 cups flour | ½ cup milk |
| ¾ teaspoon salt | 1 tablespoon sugar |
| ½ teaspoon baking powder | 2 tablespoons chopped pecan meats |
| ¼ cup butter | |
| ¼ cup shortening | |

Sift flour, salt, and baking powder; cut in shortenings until mixture is the size of small peas. Add milk slowly; mix until dough just holds together. Roll ¼-inch thick on lightly floured surface; sprinkle with sugar and nut meats. Roll as for jelly roll; slice ½-inch thick.—Theresa M. Lessmeister, Peru, Ill.

Julienne Salad

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|--|-------------------------|
| 2 pounds green beans, cooked | 6 slices bacon, chopped |
| ½ cup chopped Bermuda onion or green onion | 2 tablespoons vinegar |
| 2 canned pimientos, chopped | ½ teaspoon sugar |

Combine beans, onion, and pimiento. Fry bacon until crisp; remove bacon; add vinegar and sugar. Heat; pour over vegetables with bacon. Toss lightly. Serves 6.—Magdalene Sullivan, Excelsior, Minn.

Southern Barbecued Chicken

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---------------------------|-------------------------|
| 1 3-pound chicken | 1 teaspoon salt |
| 8 thin slices smoked ham | ¼ teaspoon pepper |
| 16 whole cloves | ¾ cup fat |
| 2 tablespoons brown sugar | ½ cup water or stock |
| 2 tablespoons flour | ½ teaspoon minced onion |

Cut chicken for serving; select 8 pieces. Wrap each in ham slice; tie or skewer. Stick 2 cloves in each piece and sprinkle with a mixture of brown sugar, flour, and season-

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ings. Place in baking pan with fat. Bake in hot oven (450°) 30 minutes. Reduce heat to moderate (350°); add water; sprinkle with onion. Continue baking until tender, about 1 hour, basting frequently. Make gravy of pan drippings. Serves 8.—*Mrs. M. E. Sakmar, Pittsburgh, Pa.*

Red-and-White Salad

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---|----------------------------|
| 3½ cups cooked shell macaroni | 2 large tomatoes, sliced |
| ½ pound soft nippy cheese (1½ cups), cut in cubes | 1 tablespoon chopped onion |
| ½ medium cucum-ber, sliced | Salt and pepper |

Alternate layers of macaroni, cheese, cucumber, tomato, and onion. Season. Add Mustard Dressing and toss. Serves 8. *Mustard Dressing:* Combine ½ cup mayonnaise, 2 tablespoons light cream, 1 teaspoon dry mustard. Mix well.—*Mrs. Paul Redeker, Springfield, Ill.*

Shrimp Salad Bowl

[A Tasting-Test Kitchen Endorsed Recipe]

- | | |
|---|-----------------------|
| 2 5¼-ounce cans shrimp or 1½ cups cooked fresh shrimp | 1 small onion, grated |
| 1 medium-sized cucumber, diced | ¼ cup diced celery |
| 3 hard-cooked eggs, diced | ½ cup mayonnaise |
| | 1imiento strips |

Clean shrimp. Combine all ingredients except mayonnaise and pimiento. Just before serving, add mayonnaise. Serve on crisp lettuce or in lettuce-lined bowl; garnish with pimiento. May also be served in tomato cups. Serves 8.—*Mrs. Wm. L. Hanson, East St. Louis, Ill.*



Edwin A. Falk

● **REST YOUR KNEES** on this Coast-a-bout. It permits you to work speedily while cleaning floors and low woodwork. Scooting you about smoothly, it's kind to hosiery and saves you the fatigue of standing up, then kneeling down so often to complete a task. This green metal knee rest has ball-bearing casters and a splash shield, \$1.50; rubber-wheeled, \$1.65. Pinto Mfg. Co., 3550 Rohms Ave., Detroit, Mich.—*A. J. O.*

WHAT A GIFT!

It's the very smart new *Toastmaster Junior Toast 'n Jam Set*... and try to think of a cleverer gift at this price! The Junior non-automatic toaster does both sides at once; pops up the crispy slices at a finger's touch. Set with handsome walnut tray, colorful jam jars, and toaster, only \$8.50. Toaster alone, \$7.50. Other *Toastmaster** products to \$23.95.

For only \$8.50



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May 15 to July 15 only

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special for two-months only. These two pieces, alone or in combination, have dozens of uses... salad set, cake, sandwich or hors d'oeuvre plate, flower bowl, etc. The diamond pattern matches any period furniture or decorations.

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THE SILEX COMPANY, HARTFORD, CONN.
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Way Out on Tory Hole Road

[Begins on page 20]

porch is large enough—15 x 18—to provide play retreat for both adults and children on rainy days.

IF YOU'RE interested in construction detail—the house is insulated thruout and boasts automatic heat and air-conditioning; paneling is knotty pine; trim is white pine; piping is brass; all floors, including kitchen, are double; bathroom floor is of rubber tile, the walls ceramic tile; interior walls are papered, ceilings painted; all leaders are copper; girders are steel; foundation walls are native stone; the garage has an overhead door.

Furnishings and fixtures, by the way, are designed to stand up under the wear and tear of little fellows.

Which Home-Grounds Plan Do You Like?

[Begins on page 26]

your way. You live on a less developed road here, more country than suburban; and a small stable for a horse isn't beyond reason.

Our entrance is worthy of a big house. From the road a broad sweep of lawn outlined with Flowering Dogwoods funnels up to a broad terrace at the door, itself pleasantly shaded by Sugar Maples that frame the house.

From your terrace you see the cool green of box and ivy and holly. You glimpse yellow Winter Jasmine, quince, forsythia, and mahonia under the apple trees along the left side.

And farther to the front you discover perennials and beds of roses and annuals, with a large magnolia near.

The parking area has become almost a court, with its redcedars, its clipped hedge as high as screening requires, its neat curb, and accent plantings of yucca and Pfitzer Juniper. Behind it is the service yard—space for kennels or poultry, a stable or vegetables.

Much as you like the front terrace, you'll like even better the grill and badminton court back of the house. By removing two locusts and a rail fence, you'd have an even larger area for play, tho at present our plan assigns the space to vegetables or paddock.

A Bit of Advice The expense of grading and preparing the ground for grass is hardly avoidable. But remember that if you choose a hillside lot you must pay for filling or for expensive retaining walls. On more level sites you can avoid expensive walls, fences, and features; substitute plantings in place of them; and the quality of your grounds is unchanged. In re-cutting these plans to fit your home, if they need it, develop your grounds as a series of pictures, each linked to the next with an innocuous planting. And remember, plan your home grounds to be useful and easy to take care of.



French Dressing made at home can be very, very

good or very, very disappointing.

ing, depending on how the seasoning

happens to be done. Kraft French

Dressing on the other hand,

has a perfect flavor every time,

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that never varies.

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Miracle French Dressing.



Here's

REG. U. S. PAT. OFF.

Little touches here

By Polly C. Cramer

"I KNOW it's a mess—but you see, it's rented!"

You've heard it often enough—that apology for the rather slipshod appearance of a home because—well, who wants to spend money on someone else's house?

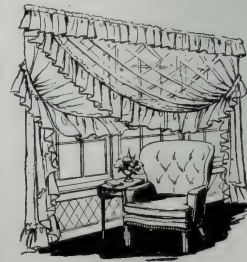
Of course, we could have felt the same way when we moved into our down-at-the-heel square frame house. But we like things attractive even



"We built shelves from floor to ceiling around one of our doors"

tho it does put a bit of work and a few dollars into someone else's house.

So here are some of the rejuvenating ideas we hit upon—ones that worked wonders, were fun to do, and cost very little. The tiny square front hall and the living-room run across the front of the house and are connected by an opening, making them almost one room except for about three feet on one side of the opening and four feet on the other. To bring the hall wall out to give the appearance of an alcove off the living-room, bookcases were built from floor to ceiling, covering the entire front wall, running over the door and over the full-sized window next to it. We even put shelves under this window, making room for flowers



"In curtaining living-room windows we handled them as a unit"

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an Idea!

and there that turned a house into a home



"We papered a small closet with Better Homes & Gardens covers"

and magazines. So two birds were killed with one stone, for now no living-room space is given over to books, and the whole seems much larger.

Living-room and hall were then papered in the same pattern—brown with white diamonds and off-white woodwork. The group of three common-place windows in the front of the living-room were curtained as one. For this we created a huge pair of white organdy curtains with full seven-inch ruffles, tied back quite high. Now the room seemed positively spacious with its one light, airy pair of curtains instead of the hackneyed three pairs of glass curtains and draperies.



"A dozen or so flower prints in colored frames for the bathroom"

And where to put the telephone? There seemed no plausible place except the small coat closet in the back hall. But the plaster was falling, the paper was dirty, the landlord was stubborn. So down from the attic came the stacks of *Better Homes & Gardens* from which we snipped dozens of colored pictures.

A couple of hours with a pot of paste did the trick. We covered the walls completely, hit and miss fashion, with the stout covers placed at critical points where plaster might fall at any minute. Then down from the attic came an end-table for the telephone, an antique maple chair,

a *Better Homes & Gardens* cover used to disguise the phone book, and lo, the coat closet became a telephone room—one so interesting, in fact, that our black Sammy says, "I can't get my mind on telephone talks for looking at the pictures."

Plain white tiled walls, white fixtures, and white woodwork in the bathroom looked sanitary and wholesome but not very exciting. But by the simple addition of ruffled curtains of plaid dress gingham with a



"Striped gingham made with the stripes running crosswise made gay, washable kitchen curtains"

ruffle of the same around the edges of the plain duck shower curtain, we were on the way to something a bit livelier. Then we hunted a dozen or so flower prints or Early American scenes and framed them in colored frames, using hues to point up the colors in our curtains. (Ours turned out to be Currier and Ives prints from a calendar which boasted one for each page.)

We hung the prints side by side around the bathroom wall, resting them on the top of the tiled dado. Then one went over each window and door. It was more fun than looking at car cards and it banished the hospital look completely. A gay hooked rug replaced the stereotype bathroom one, and a little painted chair, which could have been maple, took the place of the usual stool.

If even clever curtains at the dra-



"Large-checked gingham for the canopy and ruffles created a quaint touch for a maple bed"



TRY THESE TEMPTIN'
FRUIT BASKET CAKES
SPRY MAKES 'EM
LIGHT AS A FEATHER



FRUIT BASKET CAKES

So light, tender, delicate-flavored

1/2 cup Spry	1 1/2 cups sugar
1/4 teaspoon salt	1 1/4 cups milk
1 teaspoon grated orange rind	6 egg yolks
1/4 teaspoon baking powder	2 1/2 teaspoons
1/4 cup sifted flour	

Blend Spry, salt, orange rind and lemon rind. Add 1 cup sugar gradually and cream well. (Done in a jiffy with triple-creamed Spry!) Dissolve remaining 1/4 cup sugar in milk. Beat egg yolks until very thick and light in color. Add to creamed mixture and beat well.

Sift baking powder with flour 3 times. Add flour to creamed mixture, alternately with combined sugar and milk, mixing after each addition until smooth. Pour batter into Spry-greased muffin pans, filling pans half full. Bake in moderate oven (375° F.) about 25 minutes.

With a sharp knife, remove cone-shaped pieces from tops of cakes. Fill cakes with Fresh Strawberry Filling. Makes 24 cakes, so tender and delicate you'll want to serve them with other fresh fruits, too. And you'll want to use Spry for all your cakes, pastry, frying.

FRESH STRAWBERRY FILLING

1/2 cup sugar	3 tablespoons orange juice
2 tablespoons cornstarch	1 tablespoon lemon juice
1/4 teaspoon salt	2 tablespoons butter

4 cups strawberries, quartered
Mix sugar, cornstarch, salt and fruit juices. Cook over direct heat 5 minutes, or until thickened and clear. Remove from fire and add butter and strawberries. Cool. Pile filling into cup cakes. Decorate tops with sections removed from cakes. Cut each section in half and set into filling to resemble top of basket. (All measurements in these recipes are level)

Clip and save this Spry recipe

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"TAKE a good look at Spry an' its gleamin' whiteness," says Aunt Jenny. "Don't you agree Spry looks purer? An' it is! That's why you can fry with Spry an' not get unpleasant smell or smoke. That's why Spry cakes an' pastry an' fried foods have such fine, delicate flavor. Try these delicious little Spry cakes with fresh strawberry fillin' today. Use Spry for all your bakin' an' fryin'—hear the compliments you get!"



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ALL-
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I'M TELLIN' YOU
SPRY CAKES ARE
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CAKES**

Spry TRIPLE-CREAMED
FOR EASIER MIXING

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my dinners..."

"—till I learned this secret of success! Now my silverware adds real distinction to the table, since it's no trouble to keep tarnish away with Wright's Silver Cream. So easy to use—so gentle on my hands." Be sure to ask for Wright's—when you buy silver cleaner.
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TO YOUR SILVER...
KIND TO YOUR HANDS





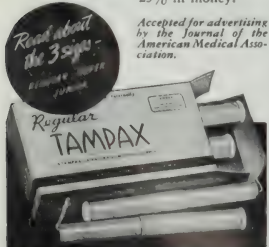
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Please send me in plain wrapper the new trial package of Tampax. Enclose 10¢ (stamp-value) to cover cost of mailing. Size is checked below.
() REGULAR () SUPER () JUNIOR

Name _____

Address _____

City _____ State _____

Here's an Idea!

[Begins on page 94]

every department seem a bit expensive, try poking around in the dress-goods section. You'll find endless suggestions for bright new touches. Striped gingham, made with the stripes running crosswise, did great things for our kitchen windows and wash like nobody's business.

CHECKED GINGHAM in large checks of green and white, pink and white, or blue and white adds a quaint touch to a maple canopy bed. We used it for ruffles around the bed and around the canopy frame, stretching the checks tight over it. Thin materials patterned with flowers made airy bedroom curtains when looped back with artificial flowers or pert ribbon bows.

Bedspreads, both practical and smart, we concocted from plaid tafteta for a room that couldn't stand another figured fabric but needed something other than a plain one.

An equally bright idea proved to be making slip-covers from striped bed-ticking. We shrank it carefully first, for altho it will launder like a charm, ticking does draw up. We adore our covers, and from all indications, they'll wear forever.

SO PLEASE, "don't be that way" about your rented house. It's easy, fun, and costs little to add touches that will make it more comfortable, more charming, and truly your home.

This Month

West Goes East

[Begins on page 78]

to provide a certain amount of ventilation and circulation.

"The utility room, of course, also embraces a number of items that can be called either utilities or equipment—water pump, tank, hot-water heater, switch control boxes, and the like."

The shutters were made on the place and painted "implement blue," and the old-fashioned wooden gutters, which should last a lifetime if properly cared for, are an item of particular pride to the owner.

The rest of the story is told pretty well by the plan and pictures. Arthur E. McCollam, Newtown, Connecticut, was the builder.

Correction

IN THE October, 1939, issue of *Better Homes & Gardens*, on page 27, and on page 51 of the 1940 edition of "New Ideas for Building Your Home," we published a photograph of the home of L. G. Buchholz of Detroit. We noted the owner to be Talmage Hughes, the architect who originally built this home and sold it later to Mr. Buchholz. We regret this error and are glad to publish this correction.

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This seal is your guarantee of receiving full value and your assurance of complete service.

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• This choice dry mustard makes a magic difference in the flavor of meats, sauces and salad dressings. Fastidious appetites enjoy its racy, zestful tang. Chefs in great hotels the world over use Colman's—consider it as necessary as salt and pepper to season food properly. Keep a tin always handy in your kitchen!

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Sparkle
to Food



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Please send me 12 new Colman's recipes.

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Signpost to Spring

Rain needles fell last night
And pierced the snow.
The crystal crust is broken
And I know
That wintertime is done,
For trees are warming
Green-tipped fingers
At the sun.

—Virginia Blacklock

What's Exquisite All Summer?

[Begins on page 86]

Q. Will tropicals grow in cold water?

A. Unless the water is warm, tropical waterlilies refuse to bloom. They bloom best when the water is above 65 degrees. They're seldom successful when a fountain sprays moisture on the foliage all day long.

Q. How do I plant waterlilies?

A. Tender waterlilies arrive from the nursery with a ball of soil. You plant them in a box 10 to 12 inches deep, in rich soil, setting the leaf crown just at or slightly above the soil surface. Then you sink the box into the pool. Water should be from 6 to 8 inches above the soil when the young plants start but may be increased to 12 inches after the plant establishes itself.

"In too shallow water," Mr. Tricker remarks, "tips of rolled-up leaves are often forced into the dry air and damaged before they unfold on the water."

Q. What soil shall I use?

A. You need at least one cubic foot of soil for each plant, two cubic feet if possible. Rich new soil each year is absolutely necessary. Use three parts of good heavy clay soil mixed with one part thoroughly rotted cow manure. Lacking the manure, use a complete plant food or a mixture of bloodmeal and bonemeal, one quart to each bushel of soil. Waterlily roots spread out and feed laterally so that the box in which the lilies are placed should be large in diameter and not over 10 to 12 inches deep.

Q. How much feeding will they stand during the summer?

A. Don't feed at all during the summer, is George Pring's advice. However, other growers believe summer feeding is wise. Beginning in July, they say, use a cup of plant food for each 2-foot-square box, placing the food in small tissue-paper packages and forcing them into the soil, where they soon dissolve. Unless tropical waterlilies have an abundance of rich soil, they bloom sparsely.

Q. Will waterlilies grow in the shade?

A. Altho some varieties will bloom in partial shade, the flowers are generally fewer and smaller. Young tender waterlilies go to rest in a shaded pool, and it's necessary to remove them to a warm, sunny location to start their growth again.

Q. What water plants should I use in a shady pool?



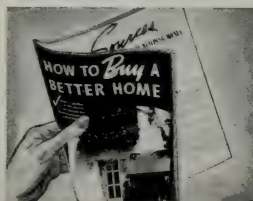
I'll let you in on A SECRET if you're planning to buy or build a home

"Everyone raves about our new home—wants to know how we thought of all the clever little details that make it so attractive and comfortable.

"I'll let you in on our secret. It really was easy—in fact, as easy as buying a car."



"Herb and I had been dreaming about a home of our own for years. We'd been saving clippings and tearing house plans out of magazines.



"It took that book to crystallize our thinking—to remind us of a dozen and one things that we'd never even thought of. *Two pages 4 and 5 really solved our problem*



"One night Herb brought home a book published by our favorite magazine, *Better Homes and Gardens*. It was called *How to Buy a Better Home*.



"Before that night was over we knew exactly what we wanted and the easiest and quickest way to go about getting it. Almost before we knew it, we were moving in."

"If you're considering buying or building a home—and wondering how to do it—I'd advise you to write *BETTER HOMES & GARDENS* today for a copy of that wonderful book that made our dreams come true—*How to Buy a Better Home*."

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A. There are many floating plants, such as waterhyacinths, waterfern, shellflower, and most of the shallow-water plants found in the catalogs of the waterlily specialists.

Mr. Johnson suggests Pickerel Plant, Water Iris, Lance Leaf, Giant Arrowhead, Japanese Arrowhead, Parrot Feather, Floating Heart, and Primrose Creeper.

Q. Can I keep tropical waterlilies over winter? How?

A. Mr. Tricker says, "In the tropics waterlilies develop a tuber only when the spot in which they are growing gradually becomes dry. In our gardens, however, unless we have a greenhouse and bring them indoors where growth is stopped by the limited light of late fall and winter, no tubers are produced. Therefore, to us tropical waterlilies are annuals. Purchase the bulbs or growing plants each spring."

George Pring writes: "The only sure way to keep tropical waterlilies over winter is to raise them from propagating tubers. These are small, nutlike tubers formed at the base of the parent large tuber during the growing season. These should be removed from the parent and stored in moist sand until early spring, when they may be potted up and started into growth in a heated aquarium. Pot them deeply, and when the true floating leaves have formed, reach down into the pot and carefully remove the plant, with roots attached, from the tuber. Leave the tuber in the pot to produce another plant for you, and start the young plant in its own pot in a heated tank."

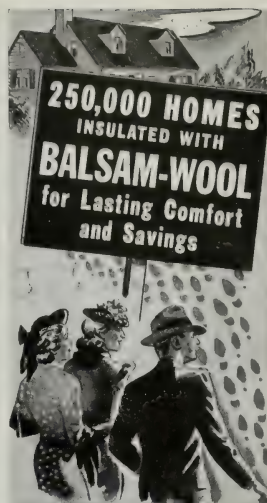
Q. How can I grow hardy waterlilies?

A. Hardy waterlilies bloom early when the water isn't warm enough for the tropical sorts. They stop blooming during hot weather and bloom again during the cool fall weather. When all's said and done, grow both tropical and hardy waterlilies: know "delight of the waters."



Hot Dogs and Barbecued Pig

THIS title may be the least bit misleading, but that's the general substance of what you'll most often sink your teeth into when you've built, and used, the outdoor fireplaces and barbecue pits we bring you next issue. Plans for building will be available.



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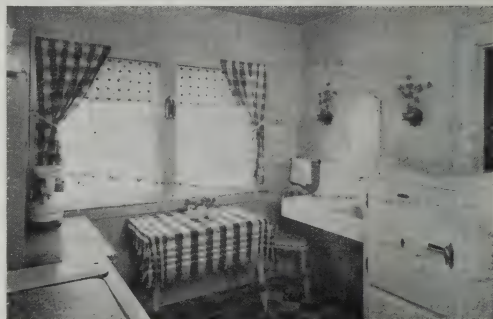
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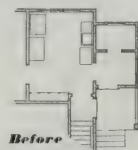
By Beverly Bane



Before This kitchen was the black sheep of the family abode



After Now look how the prodigal returned—all dressed up in modern convenience! The large window space is now over the sink



A family of five now puts its legs under this nook table comfortably

I KNOW for a fact that the home that sheltered the kitchen you see pictured at the top of the page was ashamed of its black-sheep kitchen—where, for one thing, the family of five was crowded at the little table by the window.

But the William Millers of Syracuse, New York, and Architect Willard B. Smith, Jr., eliminated the little table, built in a nook, and gave the whole room some elixir of transformation; in fact, a sizable treatment.

I think the architect would like to call it a "Posture Kitchen," for everything in it is designed to save backs and legs, and muscles and nerves—the sink basin that's 6 inches deep to avoid bending; the low-level counter, the high-level sink and range; the distance "between stops," and so on.

Counter tops are linoleum, and the leather seats of the nook are red—just as you thought—to match the dull red of the counter wall splashes.

Big Dogs COST LITTLE



The author and his dog

Who said you couldn't have the big fellow in the house? Here's the case for the manly dog . . . exploding the myth that only tiny dogs are suitable for the small residence

By Robert M. Neal

IF YOU can afford any dog, you can afford a large one, even a Newfoundland or a Great Dane.

I know, because for nine years I have kept St. Bernard stomachs full at a cost of less than a dime a day, plus a little elbow-grease.

The half-cup doglets that came in with our apartment era are well enough, but they're a quite needless concession to the demands of modern life. Most of us remember, longingly, how our childhood was brightened by the companionship of a dog big enough to substitute on occasion for a Shetland pony. We didn't mind walking the lonely road at night, for devoted old Major not only would protect us but could.

MAJOR was beautifully gentle. When we pummeled him or fell over him, he remained placid. His most vigorous disapproval was to walk regally away.

Today's tiny dogs are so trivial that they feel themselves in genuine danger when children play exuberantly, and sometimes they protect themselves by snapping or even biting. Major knew that he was stronger than we, that we couldn't hurt him even if we wished to. De-

fending himself against us would have been an idea utterly ludicrous. "We lived on a farm then. We didn't have to buy dog food."

Let's look at the mathematics. A mature St. Bernard will eat three cans of dog food a day. Buying by the case brings the price down to three cans for a quarter, or \$1.75 a week. Even that extravagant feeding costs less than ten gallons of gasoline.

TO PULL the cost well below a dollar a week, you need only arrange a treaty with the butcher with whom you deal regularly. You can't go to a strange shop and say, "Give me fifteen pounds of beef scraps for a Great Dane dog." Butchers don't keep scraps on hand in such quantity. The market where you trade each week will be willing, even glad, to save scraps for you two or three days a week and then give you the whole box, twenty pounds or even thirty, for a quarter or, at the most, half a dollar.

Don't be too particular when you tell your butcher what kind of scraps you require. You want beef, of course, but don't make his job too hard by insisting on nothing but beef. Let him drop in some lamb. You can toss away, readily enough, anything that's unsuitable.

At the vegetable counter buy three or four bunches of carrots with the

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Big Dogs Cost Little

[Begins on preceding page]

tops on, or of soup greens. Fifteen or twenty cents will pay for the vegetables.

The canine provender brought home, you inspect it. Here's a gorgeous beef knuckle, as chewy a bit as ever a dog ravened. Set it aside; it's too good for cooking.

Here's a slice of sirloin, a trifle on the gamey side. Your dog will relish it. A few of these bits of highly spiced sausage may be used, but most of them had better be discarded. There's ever so much fat in this assortment? Waste no time trimming the fat from the lean. You can do that later, and more easily.

THE solid, non-splintering bones and the overspiced meats held out, you toss everything else into a kettle or a pressure-cooker. Slicing the carrots, with their tops, or the soup greens takes but a few minutes, and then they also go into the kettle. Cook rather thoroughly, until lean meat is nearly ready to fall away from fat and gristle.

When the kettle has cooled, pour off most of the fat that has turned liquid. Pluck out the meat and vegetables. Separating fat and lean will be easy now. A sharp kitchen knife will peel meat quickly from soft, splintery bones, which are discarded. The good meat and the vegetables go into any vessel of convenient size and shape. A little of the liquid fat is poured over the food as a binder, and the dish is tucked into the refrigerator.

EACH day you take from the dish as much food as your great dog demands. This is all a soft ration, giving the teeth little exercise, but those sturdy beef bones you didn't cook will provide ample chewing.

Truly, it's a bit of work to prepare the week's dog food, but isn't your pet worth the trouble?

That big dogs are expensive isn't the only myth from which they suffer.

"Where would I put a big dog in such a small house as ours?"

Pardon, but a St. Bernard is so adroit that he can worm his way thru the most cluttered living-room without his tail whisking even one sheet of music from the rack.

A big dog walks when in the house; a small one runs.

If your neighbors insist upon quiet, get a massive dog. A Newfoundland will go for a week without barking; a tiny yaps all day long and half the night. Big dogs know their own strength and power; they aren't so nervous about strange sounds and scents.

A HUNTING dog must have exercise, and he likes to get it by running. A really big dog, such as my St. Bernard, requires little exercise, and is willing to get it by walking. She's a much better apartment-house or small-house dog than is some little tin-pounder that eternally must chase its tail and test its lung-power.

The placid disposition of the large dog shows to advantage in an automobile. The floor of a car isn't the most comfortable [Turn to page 170

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Rooms That

By Louise Price Bell

GONE are the days when furniture cast-offs were relegated to the children's rooms . . . casually splashed with paint to ease parental conscience.

Today's child has a right to expect a pleasant room of his own. It's his castle where only he is King. Here he develops his young ideas and individuality, and gains a sense of ownership and pride. And if he plasters the walls with pictures of airplanes and ships, paper-dolls, and the Seven Dwarfs—what of it?

Be-ruffled nurseries are a delight for such a short time (and then mostly to grown-ups) that it's impractical to concentrate too heavily on typical nursery furniture. Better select pieces that will fit the child's purpose as he grows—or ones that grow with him, as much of the new juvenile furniture does. One may buy cribs with protective sides for baby, to be replaced later by three-quarter length sideboards, still later by full-length ones. Chests of drawers may have additional layers atop the low chest that just fits the toddlers. Low tea-party tables are built so they make fine end-tables later on.

MAPLE FURNITURE is probably the best choice for a child's room. It stands rough treatment and remains suitable thru the passing of years and the changes in decorative schemes. But painted furniture will always be popular for the baby's room because it's so easily washed.

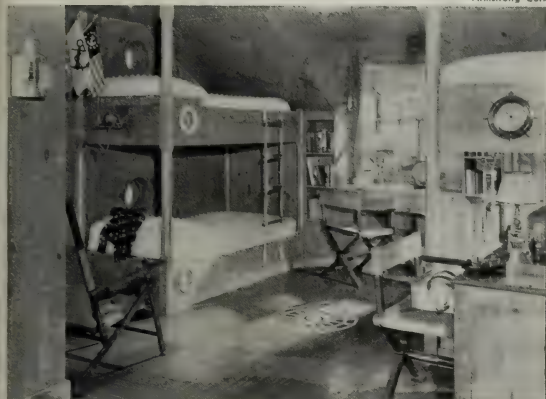
Walls may be painted, papered, or covered with wall-covering. Washable paints and papers are easy to keep clean, and paper does introduce that snap a room often needs. Wallboard, coated fabric, and linoleum keep their beauty for years, and they make fine backgrounds for juvenile decoration.

If your nursery floor is hardwood because you want it to match floors in the other rooms, be sure that it's water-proofed.

LINOLEUM, of course, is the wisest choice since it's clean, sanitary, has unending usefulness, and is as suitable for one age as another. Mother Goose inserts may be replaced by conventional designs as your children grow, but an all-over pattern, perhaps knotty pine or a hooked rug design, is a better first choice. The color scheme for the whole room can be fascinatingly built about the hues in the linoleum.

Remember to treat Sonny's room differently than Sister's. If his hobby is ships, let ships reign supreme; but remember that hobbies change, so don't install them too permanently. If hers is bunnies, then Peter Rabbit and his relatives should hold forth. Reds and blues are effective for a boy's room and popular with young owners.

Grow Up With the Children



Armstrong Cork

If his hobby is ships, why not make his room a snug harbor?



Simmons

Always a favorite with the very young and their parents is painted furniture, readily washed and repainted

Pink and blue usually strike a responsive chord with little girls, but the most charming room I ever saw was done in lavender and yellow—the young lady's favorite scheme. Her ivory-painted furniture was gay with Black-eyed-Susans on dresser drawers, head-and-foot board of bed, ends of bookshelves, and even the backs of the tea-table chairs. Washable lavender rugs made little islands on the neutral linoleum floor. Tie-back curtains of sunny yellow gingham edged with crisp white organdy ruffles fluttered at the windows. The unbleached muslin counterpane was bound with a two-inch yellow band, while in the center was appliquéd Little Bo-Peep in a lavender dress, guiding her fluffy sheep. The parchment lamp shades were decorated with Black-eyed-Susans, proudly executed by the little girl herself!

SO WHETHER you're scheming a nursery or a room for young school-goers, think before you buy, choosing only those things that are

durable and appealing to a child. A child's room is one place where all "don'ts" should be barred.

Be sure there are plenty of places to store toys. Shelves are inexpensively built by any handy man or carpenter, and a window-seat with space inside and a hinged cover may be added for a mere song. These may mean the difference between a cluttered room or a neat, spacious-appearing one. While at first they'll be used for toys and fairy tales, later they'll be equally valuable for skates and footballs, Latin grammars and geometry books. A cedar chest or the well-known hope chest gives grand storage space.

SO PLAN rooms that will grow up with your children. It will save a world of redecorating expense, of discontent when baby things are outgrown, and, most important of all, it will give your young one that secure feeling of possessing a room that will always and always be his very own.

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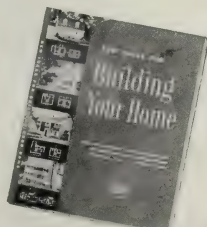


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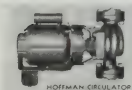


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The Garden Philosopher

[Begins on page 15]

herited his passionate love of flowers
and growing things. He was a shy
boy who had few playmates. He
created his own world—of books and
imaginary characters and flowers.

ONE day not long ago he said to
me: "I think it was Longfellow, or
one of your American poets, who
wrote that flowers are just like hu-
man beings. And there was another
famous writer who said that flowers
can see us, and seem to know what
we are talking about. . . . Maybe
folks will think I'm a little queer to
go in for that sort of stuff, but it's
fun to think about it." Then he
added, with his mischievous little
smile showing clear in his eyes, "It's
like saying you're Irish enough to
believe in fairies."

Anyway, his dear and overworked
mother started him out on the right
track in his career as a gardener. She
taught him that flowers can be com-
panions, and that you must pour
your love out on them. In fact, if you
don't love them as much as the
spring rains and the sun love them,
they won't grow for you. . . . Maybe
that's the reason he knew the great
truth that all babies must have
loving. From the first day of their
birth, he saw to it that his five little
mites had plenty of that.

AND there was another gardener
who deeply touched the Doctor's
boyhood years. This was his grand-
father Dafoe. Roy used to drive
the fourteen miles to his grand-
father's farm, and the little boy and
the old man would pick up their
hoes and announce emphatically
to Grandmother that they were
going to hoe the vegetable garden.

It was a beautifully laid-out gar-
den, with the lines and lanes drawn
as straight as steel rails. Between the
man and the boy there was rare
comradeship and understanding.
Each had created within himself a
world of his own—one that was
barred to all outsiders. Here in the
garden, with its fragrant herbs and
its borders of old-fashioned flowers,
the two were safe from the shrill
tongue and driving ambitions of
Grandmother. When they grew a
little tired of hoeing and pulling
weeds, they'd slip off to the creek
and fish for mudcats and bass. And
the wise old countryman would drop
deep into the boy's heart the seeds of
his simple, homely philosophy.

"I WAS twenty-five or -six before
I really took up flower gardening
seriously," the Little Doctor ex-
plained to me. "That winter I
bought my medical practice here
in Callander for \$100. Had to pay
\$10 down and \$10 a month—and I
had an awful time meeting the pay-
ments. When spring came, I rented
a house facing the lake.

"Alongside the house I laid out a
fair-sized garden and went to work.
The neighbors, of course, helped
me out, and it wasn't long until I
had hollyhocks and marigolds, and
such old favorites as zinnias and
petunias. Mrs. Mitchener, the



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For each item working drawings are
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preacher's wife, gave me clippings of golden glow and rose geraniums, and if I remember rightly, some cosmos and asters and phlox. I even had two or three varieties of roses."

That fall his mother shipped him by express a large package of bulbs and roots. He recalls that there were lilies-of-the-valley—his favorite flower—and tulips, narcissus, and big, old-fashioned peonies.

For five years he cultivated his garden that faced the beautiful lake. Then he married and moved to the little brick house where he still lives.

"I had to start in from scratch with my new garden," he explained. "But of course I had my old garden to draw from, and I transplanted all sorts of things. . . . We both liked to work among the flowers. And we had a vegetable garden, too."

AGAIN the doctor fashioned that sly little smile of his. "You know," he went on slowly, "it's strange and unaccountable, but the radishes and onions, and all the rest that you grow yourself, always seem to taste better than those you buy."

For ten happy years the Little Doctor and his gentle wife raised their flowers and vegetables and chickens. Then the old enemy, Death, swooped down on the home. Again Roy Dafoe was the lonely, defeated man. His boy was away at school, and there were only his work and his books to keep him occupied. For a time he neglected his garden. But slowly it drew him back.

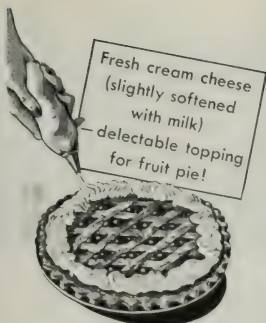
Among his flowers he could find the solace he so sorely needed. And there were exercise and sunshine—and the deep satisfaction that comes only from associating with growing things.

"The sun seems to have more medicine in it when it comes to you while you're working among flowers," Doctor Dafoe once said to me. "Maybe there's some curative magic in the very fragrance of flowers. . . . A fellow can't begin to understand all the mysticism there is in gardening. It's as subtle as the soothing power of music—only ten times more potent. You know, everybody should have a garden—and work in it with his own hands."

IT WAS a few moments before the Little Doc went on: "No one will ever know how I miss my own garden. But you can see how difficult it is for me to work in it when so many well-wishers—as well as plain curiosity-seekers—are always watching me. . . . But I can still prescribe gardening for others. Certainly one of Nature's finest remedies is the good warm earth. Just putting your hands deep into it seems to recharge your batteries like nothing else in the world.

"And the size of a garden doesn't have the slightest thing to do with the amount of enjoyment you can get out of it. The quality and exclusiveness of your flowers shouldn't make any difference to the average person, either. Why, I haven't the slightest idea how many varieties of roses, alone, there are."

Again came that sort of half-wistful, half-sly smile. "Same way with dogs. I've had several kinds of dogs, and I doubt if any of them were thoroughbreds. But they were real companions and friends, and even if



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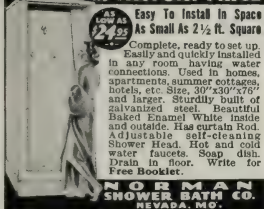
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they were mutts they were worth just as much to me as if they'd been champions in the New York Dog Show. . . . Why, I bet I don't know the Latin name of a single flower. But I love them all, and I like to grow them. So maybe that lets me qualify as a plain dirt gardener."

POSSIBLY *Better Homes & Gardens* families would like to have a little more technical information about Doctor Dafoe's flowers, but I'm only a sentimental gardener myself. Maybe I can lump it all together with the statement that in these busy years the Doctor finds it best to center more on annuals and bulbs than on anything else. Each fall he buys hundreds of bulbs and tubers, and personally superintends their planting. He has had to reduce greatly the size of his garden, but his genuine love of flowers has never lessened. The fact that time and fate have forced him to be somewhat an armchair gardener has only deepened the pools of his philosophy.

Many are the bits of unrelated garden wisdom that have dropped from the lips of this strange and wise country genius. He once said to me: "A garden is a good place to take your troubles. They may look big and unsurmountable when you first pick up your hoe or your pruning-shears, but pretty soon you get so interested in your flowers you forget all about your problems—they just seem to solve themselves. . . .

"When the babies were young, and every day was a battle for life, I'd often bury myself in my garden and mull over the decisions I had to make. Often the answers would sort of pop right out of a flower."

ANOTHER time he gave this gem of garden philosophy: "Long ago I found out that people who love flowers are as a rule pretty decent sort of folks. You know, you could almost make a case for the 'religion' of gardening. To be a good gardener you must want to create and to give to others something fine and lovely. To do this you have to be in tune with the simple and lasting things—close to the Eternal Truths."

And one time while we were talking about the future of the five wonderful little sisters, he said: "You can be sure that these girls are going to know about gardens—both flowers and vegetables. Each is going to have her own little plot of ground, and she'll have to take care of it, too. . . . You know, there's nothing like a little competition to add to the spice of life. So maybe we'll give a prize to the mistress who has the best garden."

THEN the Little Doctor—who has planted so deeply in a somewhat disinterested world the priceless idea that all children have the right to be born decently, and to have proper care and food and medical attention—rubbed his great head in the odd way he has, and added: "Maybe I'll be able to go back to taking care of my own garden by that time. Maybe I can compete a little, too. . . . Wasn't it wise old Candide, home from his wars and adventures, who said, 'Let us cultivate our garden'?"

It struck me it might be an excellent idea for a good many more of us to follow that last bit of advice.

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Amateurs' Gladiolus Calendar

By Lou Richardson

COMING principally from South Africa, the gladiolus has spread to the gardens of the world, where its universal ease of culture, its stately growth, and its rich coloring have captivated everyone. With glads the actual working time in any one section extends over a few months at most. Yet our calendar goes around the year so that you can red-pencil the portions which apply to your own section and climate. Do plant more glads—they're such satisfactory and easy bulbs.

JUNE

Spraying and Feeding. When plants are 2 inches high, begin spraying for thrips. Try one of the rotenone sprays this year, and spray every week or two. When 3 to 4 leaves appear, feed. One good way to do this is to make a shallow trench along each side of a row, about 4 inches from the plants, and scatter in balanced plant food (half a cupful to each 10 feet). Cover with 2 inches of soil, and water. Feed all the rows again when flower spikes begin to appear.

SEPTEMBER

Bulb-Digging. If you haven't already done so, dig gladiolus bulbs this month and next. The general rule is to get them out 6 to 8 weeks after flowering. When leaves die down, cut off withered tops 4 inches above ground; then dig. Since bulbs are soft when first dug, they should be hung in bunches or spread to dry for two or three weeks. Some people save the tiny bulbets that form around the corms and plant them the following spring to grow full size.

DECEMBER

Armchair Growing. December is the month to catch up on catalogs and to decide on next year's plantings. Plan now to replace ordinary varieties (whose names you've forgotten) with fine new hybrids. Select names that are easy to remember; then remember them. Plan color effects that delight rather than dazzle. If glad-growing is your hobby, join the American Gladiolus Society, secretary, Roscoe Huff, Goshen, Ind. A box of bulbs makes a welcome Christmas gift for all.

MARCH

Planting. Glads will grow in any good soil. Dig deep, pulverize well, and be sure to work in plant food. Don't plant them in the same spot two years in succession. Whether grown in rows in the garden, or in clumps in the border, they must have sunshine. Keep them away from shade or from root systems of shrubs. It's a good idea to soak home-cured bulbs in bichloride of mercury solution just before planting to destroy eggs of thrips. Use a 7-grain tablet to a pint of water.

JULY

Cutting the Flowers. In cutting gladiolus for bouquets, it's a good idea to cut in early morning or evening, when stems are full of moisture. Don't cut too close to the ground; leave at least 4 leaves so that bulb can mature. Cut flowers in bud, just as soon as the first 2 florets have opened. In this way, the bouquet lasts for days, and you have the fun of watching the flowers open. Use a deep vase with plenty of water. Change water daily, cutting off a bit of stem each time.

OCTOBER

Digging, Continued. When bulbs are dry, clean off foliage, pull off dried roots, but don't remove the husks. Store in paper bags with naphthalene flakes or crushed mothballs (1 tablespoon to each 25 bulbs), to discourage thrips. (Put flakes in bag, cover with a sheet of paper, then put in the bulbs.) Keep in a cool place (about 40 degrees). Where winter air is dry, as in Southwest, store in boxes of soil instead of in bags. Floridians plant in September for winter bloom.

JANUARY

Getting Ahead of Thrips. These low-lived little creatures destroy gladiolus flowers and bulbs. Because thrips are worst in hot weather, authorities recommend early planting, so that the flowers will mature before late summer. Southerners and Southern Californians should start planting in January, or earlier; other Californians start in February. Wherever you live, whenever you plant, follow the planting rules given in March and April. *And do plant early!*

APRIL

Planting, Continued. By April, glad-planting should be all finished in mild sections, but just beginning in the country as a whole. In four-season climates, the rule is to plant when trees are coming into leaf. Plant glads deep—with 4 inches of soil above each bulb—and be sure bulb rests firmly on bottom of planting hole. (Deep planting helps to hold up heavy stems, and cold sections, saves young growth from late frosts.) Space bulbs 3 inches to 5 inches apart.

AUGUST

After Flowering. If August suns are scorching hot, cut flowers freely and enjoy them in the house. Keep faded flower spikes cut off neatly in garden. . . . When leaves begin to yellow, give glads at least 3 good soakings to make good bulbs for next year. . . . Some people in frost-free climates prefer not to dig gladiolus bulbs, leave them year after year until they run out. If you are one of these lazy people, water plants to mature the bulbs, but stop when bulbs are dormant.

NOVEMBER

Plant Baby Glads. If you live where winters are rainy and free from heavy frosts (as along the Pacific Coast), plant baby gladiolus in November. These South African babies send up slender foliage in winter and early spring, and burst into delicate flowers 15 inches to 18 inches high in April or May. Plant bulbs 3 inches deep and 4 inches apart. When they die down in summer, dig bulbs and replant next fall. Favorites are: Peach Blossom, The Bride, Red Bride.

FEBRUARY

Bulb-Buying. The first step in growing prize glads is to plant good bulbs. This means buying them from a reliable dealer. He will sell you young, high-crowned ones, 1 inch to 2 inches in diameter. When they arrive, open package and store in a cool place until planting time. Some people like to make three or four plantings, two weeks apart, to have a succession of bloom. If the garden is a tiny one, it's often easier to plant all at one time. In this case, large bulbs mature first.

MAY

Cultivating and Watering. In most sections gladiolus planting was finished last month, but in the north you can still plant. Cultivate around the bulbs from the start. Water once a week at first. As plants grow they'll require heavier watering. If you made your first plantings in late March or April, follow them up with two or three more in May. If planting is delayed until June, be sure to plant big bulbs. Fill in bare spots in the border with small clumps of one or two colors.



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THE MAN



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+++

"It's a smart wife," muses Les Gowan, "who cultivates a pretty woman who seems to make her husband feel dashing, instead of taking a sharp dislike to her."

+++

I have just about decided to taboo in my house any radio program which urges a child to insist on a dish of Fricassee Shavings or Mulsified Cucumber Juice at the dinner table so he can win promotion in the Brown Radio Club.



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+++

Most men seldom enjoy a more glorious moment of triumphant discovery than when they find a couple of cold frankfurters and some mashed potatoes in the refrigerator.

+++

Well, the front stairway is now going into its third summer uncarpeted. It's my impression that the b. v. is supposed to handle that project, but she seems to think I'm in charge of stair-carpeting.

+++

The child psychologists have explained almost everything else (at least to their own satisfaction)—can they explain why a 6-year-old boy has an implacable aversion to peas, when his father always rated them as a semi-confection?

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My neighbor on the corner who brags that he spends \$4,000 a year on his two children's education is tired of having them read aloud to him various assertions that his generation almost made a mess of civilization.

"They seem to be skeptical about everything else," he complains.

+++

All in all, I think I've had more fun, hour against hour, sitting in my white lawn chair arguing with the neighbors than I've had in expensive night-clubs.

+++

Women who enjoy shopping have had to endure endless jolly, but they're far better off than women who have an inferiority complex about salesgirls and therefore buy the first thing that's thrust at them.

+++

Just about the time you begin to dote on the bright sayings and amazing scope of knowledge of your children, you suddenly discover that they're completely monopolizing the table conversation and that you can't insinuate that brilliant remark you made to your boss today.

+++

"People who have had some troubles and misfortunes in their lives," declares Phyllis Gowan, "somehow seem to make better neighbors than lucky people who have never had a setback."

+++

Oddly enough, our friends who have spent their vacations at the same place for twenty years say they wish they had gone to a different place each year, while our friends who have never gone to the same place twice lament their failure to select one permanent vacation spot.

+++

By this time I'm reconciled to certainty that when I'm changing clothes in a hurry to go out to dinner the children will always invade my room to read me their compositions, to attack me with spears and shields, or to demand help with their arithmetic.



"It never fails—just when I'm in a hurry, changing clothes!"

Next-door neighbors who occasionally hear a snatch of conversation thru open windows say that the courtliest man in

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SULROTE Rotenone-Sulfur Dusting Mixture with 0.80% Rotenone, a genuine aid to growing perfect blooms and unmarred foliage. **INSECTICIDE** especially for Thrips and Red Spider. **FUNGICIDE** for Rust, Powdery Mildew and Leaf Spot. **DISEASE REPLENT** to many insects including Leaf Hoppers. . . To protect and improve your garden ask your dealer in garden supplies about other Mechling products. **FREE**—Write Dept. 611 for new calendar telling how and when to spray.

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DIVISION OF GENSLER CHEMICAL COMPANY
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Standard Garden Tractors **RIDE OR WALK**

Powerful 1 and 2 Cylinder Tractors for Small Farms, Gardeners, Florists, Nurseries and Trucking.

FOUR MODELS
Ample Power for Field, Farming and Trucking
Crop Tools, Run Pumps and more
Belt Machines, Steel or Rubber Tires

LOW PRICES
Write for Easy Terms Plan and **Free Catalog**

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GROW BETTER ROSES

TRI-GEN, the combination spray, helps give you better roses. Controls black-spot and mildew; kills many insect pests. Economical, easy to apply—just mix with water and spray. Buy at garden supply stores, or write for free helpful bulletin.

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END DUST and WEEDS on DRIVEWAYS TENNIS COURTS ROADS WALKS

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Use inexpensive, easy-to-use Solvay Calcium Chloride. For clay, gravel, cinder or stone surfacing or areas. No expensive equipment necessary. Used for 25 years by home owners, tennis clubs, summer camps, schools, colleges, national and local park and highway departments. **SEND FOR FREE BOOKLET**—contains full data. Write today!

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Dept. 141, 40 Rector Street, New York, N.Y.

Gorgeous Iris-CATALOG FREE!

New, lovely, tested varieties from World's best. Write for FREE "Iris Lovers' Catalog", profusely illustrated.

SCHREINER'S IRIS GARDENS
Box 107, RIVERVIEW STA. ST. PAUL, MINN.

25 IRISES or 5 PEONIES

(no selection all different and labeled, \$1.00 post-paid. Send card for list of prize winners at bargain price.)

RINGWOOD GARDENS
W. W. COOK CLINTON, IOWA

town talks tougher to his wife than any other husband in the neighborhood.

+

It's all over town that the people in the modernistic house with the chairs on the roof are kinda fast. The neighbors say that at their last party the guests got to throwing darts blindfolded.

+

Another occasion when a man suddenly realizes how large his family has become is when, during a vacation trip, he tries to billet them in hotel rooms or tourist cabins.

+

Well, I've finally found a dealer who says he can get me some fine mesh screen that'll keep the smallest bugs off the front porch and the sleeping porch. From past experience, tho, I'll be surprised to get delivery before October.

+

The young girl next door tells me she is thoroughly disillusioned about the men she meets at summer resorts.

"All the athletic types that I size up as polo players," she says, "always turn out to be croquet players."

+

The luckiest elderly people in our neighborhood seem to be the ones who have the same friends in their sixties that they had in their twenties.

+

Privately, I think the reason we get such a kick out of the 5-month-old red-head is that he won't be talking back to us—at least until he's 2 years old.

+

Just when you are about to agree reluctantly that the younger generation is getting soft you hear about a pair of newlyweds embarking on a honeymoon on a bicycle built for two, and your faith in its stamina, if not in its good judgment, is fully restored.

+

Solemn thought for Election Year: Nothing that the most miraculous government can do for you can even approach in importance the marvels that can be performed by a good, prompt, efficient wife who glories in her homemaking.

+

My prosperous neighbor in the brick Colonial house is flabbergasted because his son, who's just graduating from college, wants him to retire at the age of 48 and let the young man run his business.

"Why!" exclaims the old gent, "the boy never even adds up a dinner check!"

+

There's a rebellious streak in the average American which forces him to stop for a hamburger on the way home from dinner at the White House or the Governor's mansion, or to eat a peanut-butter sandwich with a glass of root-beer after his first adventure at an \$8 gourmet's dinner.

—HARLAN MILLER

Read what they say about

Zoom

The original liquid vitamin B₁ plant growth stimulant

THOUSANDS of letters—hundreds from readers of this very magazine—prove it's true! Zoom can give magic results with that vast majority of plants starved for B₁. Zoom's scientifically developed formula supplies B₁ in correct amount. Use only 8 drops to a gallon of water. Try Zoom. If your dealer can't supply you—send coupon today. Money-back guarantee!

Zoom VITAMIN B₁ SOLUTION
"The Original Plant Growth Stimulant"
DIRECTIONS: ADD 8 DROPS OF ZOOM TO EACH GALLON OF WATER. WATER PLANTS TWICE A WEEK. PLANTS GET 2-3 TIMES AS MUCH WATER.
CONTAINS NO 736
PAT. APPL. FOR—MADE IN U.S.A.

"I never saw such blooms as developed on my oleander. Zoom gets all the credit." Mrs. B. Shank, So. Admore, Pa.

"Indeed I'm pleased with Zoom! Great difference in most all my houseplants." Mrs. John Camp, Jr., Baltimore, Md.

"Seedlings of various annuals have grown unbelievably fast with Zoom." Mrs. L. R. Inyard, Lawrence, Kan.

"Many wonderful results with houseplants." Mrs. A. R. Claussen, Chicago, Ill.

"Small gardenia cutting, potted nearly 2 years with no perceptible growth. Now, with Zoom, it is just starting itself!" William B. Finckro, Indianapolis, Ind.

"My hobby is geraniums—49 varieties. The ones I've used Zoom on show wonderful improvement over those on which I did not." F. C. Barclay, Spokane, Wash.

"My plants have grown so fast with Zoom that I now call it 'Zoom!' Mrs. A. H. Forsythe, Winona, Miss.

"It was a thrill to have plants that were stringing along burst into bloom." Marian W. Grundy, Dartmouth, Mass.

"A gardenia which was about dead has 3 new shoots, many green leaves." Mrs. L. C. Cullenberg, Minneapolis, Minn.

"My geraniums are something to behold! Blooms measure 6 to 7 inches across." Woodrow Habicht, Long Lake, Wis.

"Perfect satisfaction! Ferns green as grass, growing like weeds." Mrs. S. P. DeWitt, Green City, Mo.

"Everything you claim! Begonia slips without buds are covered with bright pink flowers, 5 weeks after starting Zoom." Mrs. Karl E. Fuch, Summit, N. J.

"Splendid results with Zoom! Christmas cactus full of buds. Begonia and colea showing remarkable root growth." Mrs. W. F. Geiger, Hanover, N. H.

"New shoots, bigger blooms, better color, very rapid growth in some plants—a week or 10 days after first application of Zoom." H. A. DeGrush, Des Moines, Ia.

"Houseplants grew more in 1 month than in 6 before. Wonderful results in forcing tulips." Rena Boven, Holland, Mich.

"A 5 yr. old orchid never bloomed. Now, with Zoom, it looks very lively. Has 2 buds." Mrs. I. L. Gaugler, Akron, O.

"The improvement in my houseplants is really wonderful." Marie Lishman, Richmond, Va.

YOU TOO CAN GROW GIANT FLOWERS!

If your dealer can't supply you . . . send \$1.00 for 2 oz. bottle of Zoom. Enough for months! Directions enclosed. Money refunded! If after 30 days you are not satisfied with Zoom, simply return unused portion to Nutrition Research Laboratories.

CLIP COUPON NOW! NUTRITION RESEARCH LABORATORIES, INC.,
Horticultural Division, Dept. BH-5, 332 S. Michigan Avenue, Chicago, Ill.
Enclosed is \$1.00 for a 2-oz. bottle of Zoom.

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I'd like to catch the guy who spreads the story that a dog can worm himself with grass and gravel. I've had worms more than once (like most dogs) but I took the Boss to pull me through. He read how in the Sergeant's DOG BOOK — and the worms were doomed!



First Sergeant's PUPPY CAPSULES did the job. (I was six weeks old.) After I grew up it was SURE-SHOT CAPSULES—they worked like magic. I don't know whether the Boss or the BOOK helps me most! You can get the BOOK free of drug or pet stores—or with this coupon.

Sergeant's

FREE DOG MEDICINES

Pills Miller Products Corp.
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Please send a free Sergeant's DOG BOOK to:

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Help UP YOUR FLOWERS HOLD UP THEIR HEADS!

G&D PLANT PROPS

No more untidy wood stakes with rag and string ties! Plant Props are neater. Termite Proof, easier to use (flowers hold right in), lasts for years. Made of heavy enameled steel. Used from Alaska to So. Africa. Nothing like 'em in the garden world.

16 inch (overall) 40¢ per doz.
30 inch (overall) 75¢ per doz.
42 inch (overall) \$1.20 per doz.

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3-in-1 Beauty Treatment

1. Kills Sucking Insects
2. Kills Chewing Insects
3. Protects against many Fungus Diseases

Harmless to the tenderest foliage. The only spray you need to raise beautiful roses.

At dealers in Garden Supplies
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and Power Lawnmower

A Practical, Power Flow and Cultivator for Gardeners, Florists, Nurserymen, Suburbanites, Estates, Fruit Growers and Poultrymen.

Low Prices — Easy Terms
American Farm Machine Co.
1035 33rd Ave. S. E. Minneapolis, Minn.



Big Dogs Cost Little

[Continued from page 102]

place to ride but my current St. Bernard has made five trips of more than a thousand miles each and any number of shorter journeys. She stays put. Tiny dogs forever are jumping from back seat to front. They take less room, but they're very nervous traveling companions.

AUTOMOBILES aren't quite such a peril to an enormous dog. The wire-haired dashes across the street, and is so tiny that the driver doesn't see him until too late. The St. Bernard ambles across slowly enough to retreat if peril approaches, and is so big that the driver can see her half a block away, even at night.

If the memories of old Major still bring a little lump in your throat, why not have another Major? He'll cost no more than a vest-pocket dog, and in many ways he'll be much more satisfying.

It's Fun to Swing . . .

[Begins on page 52]

If bolts are rusted and stubborn, anoint them with kerosene and leave them overnight. Before unhooking the hammock, place a couple of sturdy boxes underneath to support it at a convenient working height. Then release the chains from the side pieces, remove the old awning from the ends, and dismantle the frame.

WIPE all metal parts with kerosene to remove any rust, then paint with a good all-weather paint, if needed. Plain green and white canvas with a medium stripe is delightfully cool looking, durable, and at home with most outdoor furniture. There are scores of other choices, of course.

Using the old end canvases as patterns, cut your new ones. The width of the awning will allow good hems along the sides for reinforcement. With No. 40 white thread and a long sewing-machine stitch, make the vertical hems and the horizontal casings for the side pieces. Into these casings slip the top and bottom cross bars of the sides and punch holes in the canvas at the points where the bolts will come. The holes in the cross bars serve as guides, and an icepick and small scissors perform the operation.

BEFORE attaching the chain to the hammock, be sure there are no twists to knot and kink later. Hold the chains at arm's length to straighten them. Now catch the bolts thru the chain links previously marked with safety pins, thread them thru the awning cloth, and anchor them with the nuts. Use pliers to hold the nuts and a screwdriver to turn the bolts tight.

Before covering the back part of the hammock, thoroughly brush the old pad, reinforcing it if necessary. We simplified the application of the cover by discarding the buttons formerly used [Turn to page 112]

BETTER-LOOKING LAWNS

EASIER—QUICKER

Whether you cut your own grass or have it cut, the Clemson C-17 makes grass cutting less objectionable and is always ready to keep lawns well trimmed and velvety in a fraction of the time.

Here is a silent-cut lawn machine light enough for a child to push easily—yet strong enough for many, many seasons of grass cutting. It automatically stays sharp, eliminates regrinding delays and expense. It is self-lubricating for life, no more squirting with sloppy oil cans or messy greasing. Bed knife and roller adjustments are hand operated—no tools necessary. Ball and roller bearings, rubber tires, chrome plate and baked-on-enamel finish, and many other modern features of design also distinguish it as the finest mower ever produced.

SEE YOUR NEAREST DEALER OR WRITE US

CLEMSON

Made by manufacturers of world-famous STAR Hack Saw Blades

CLEMSON BROS., Inc., MIDDLETOWN, N.Y.

BE SURE THE SPRINKLER YOU BUY IS A LONG-LIFE

Genuine Rain King

Get the utmost in efficiency and long, trouble-free service. A type for every lawn or garden and for every pocketbook. Each designed to throw more water—throw it farther—spread it even. Rain Kings do a better job and last longer. ASK YOUR DEALER FOR THEM BY NAME. Rain King Sprinklers are made and guaranteed by Chicago Flexible Shaft Company, 2602 Roosevelt Road, Chicago, Illinois.

51 Years Making Quality Products

ONE SPRAYING KILLS WEEDS

DOES NOT KILL GRASS

Easy to apply—can be used over all or in spot-spraying individual weeds. \$1.55 in gallon cans at your dealer's.

ACME WHITE LEAD & COLOR WORKS, Detroit, Michigan

IRON OVAL GARDEN SETTEE

#9—38" long, 31" high \$14.00 undecorated \$16.00 painted

#9A—42" long, 31" high \$16.00 undecorated \$18.00 painted

Small addition West of the Rockies. Freight prepaid. Send for circular on other garden ornaments.

THE GRAF STUDIOS

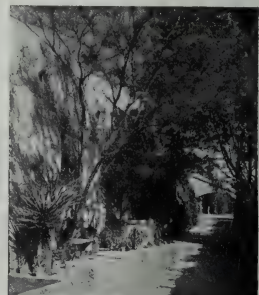
WILMINGTON, OHIO

Oasis

In the Southwest's oasis city are many lush gardens, among them the interesting garden of Mr. and Mrs. Albert T. Kunz

GARDEN-LOVERS who've traveled thru the far Southwest but have not been to El Paso probably would be amazed at the positively lush gardens that spot this oasis of a city, and one of the loveliest is the garden of Mr. and Mrs. Albert T. Kunz. An exquisitely beautiful and colorful picture from January to December, at night this garden is turned into a veritable fairyland by strategically placed flood and background lighting. Among interesting spots not pictured are a pot garden with Fern Asparagus, geraniums, and mesembryanthemum, among others, and a rock cactus garden with its tall yuccas as well as giant and baby cactus.—Dorothy Woodley and Billy Flournoy.

In the corner opposite the pool is this vegetation-surrounded greenhouse in summer, greenhouse in winter. The beds and borders of the Kunz garden—very few show in the pictures—contain a variety of more than 50 different plants and flowers, expertly handled as to blooming season.



Looking toward front, down the tree-bordered driveway from the patio garden. Yellow- and rose-flowered, variegated honeysuckle are among the many vines covering the long walls

Front of the home that took a page from a Spanish book. Blue Plumbago, blue Nepeta Mussini, and Beauty of Oxford Verbena edge the uncovered terrace. The house is cream-colored

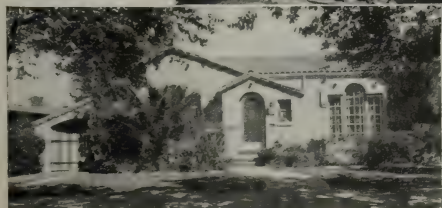
in El Paso



Luxuriant with bloom and foliage is the lily-pool corner of the Kunz garden. Early in the spring the grape-hyacinths, primroses, and Ribbon Grasses are all in bloom, hanging over and trailing into the pool. The huge boulders flanking the pool area are almost hidden by junipers, vinca, umbrella-sedge, cassia, coralbells, and the many vines, all growing, it seems, in freedom and abandon. Off to the right, midway of the vine-covered rear wall, is a semi-circular rose garden with background of Silver King Artemisia, daylilies, tritomas, and hollyhocks. Edging is Ribbon Grass and purple verbena



Thatched-roof lean-to, rock fireplace, and part of the pot garden that's situated at Mrs. Kunz's bedroom door



WHY CAN'T I GROW BEAUTIFUL FLOWERS?



YOU CAN! YOUR FLOWERS JUST NEED SOME OF THIS POWERFUL GARDEN INSECTICIDE!



BUT ISN'T SUCH A POWERFUL INSECTICIDE DANGEROUS AROUND CHILDREN AND PETS?

NOPE! EVER GREEN GARDEN SPRAY IS NON-POISONOUS TO MAN AND WARM-BLOODED ANIMALS - BUT DEADLY TO PLANT LICE, ROSE BEETLES, LEAF ROLLERS AND MANY OTHER INSECTS!



DOUBLE YOUR MONEY BACK GUARANTEE!

DOUBLE YOUR MONEY BACK if you don't say Ever Green is the best non-poisonous general garden insecticide you ever bought!

SEVERAL WEEKS LATER



WHAT GORGEOUS FLOWERS! - THANKS TO MY NEIGHBOR AND EVER GREEN!

Yet Ever Green costs so little! For instance, a 35c package makes six gallons of powerful spray for aphids. Easy to use! Just add water and spray. Non-poisonous! Harmless to plants or soil. Ask for it at your hardware, seed or drug store. Acme White Lead and Color Works, Detroit, Michigan.

EVER GREEN
GARDEN SPRAY



"Never a Moment's Worry - since we fenced the yard!"



IT'S worth a lot to know your children are protected from speeding autos, bothersome dogs and undesirable people. Thousands of parents can tell you that the peace of mind that a fenced-in backyard playground, equipped with Cyclone Self-Closing Gate, provides is worth far more than the few cents a day it costs.

And there are other benefits, too. For a good fence protects your shrubs, lawn and flowers. It makes your yard the secluded spot you want it to be.

The cost of a good fence like Cyclone is moderate—the upkeep almost nothing. Cyclone Fence is made and erected to provide many years of service. The strong mesh is heavily galvanized, after weaving, to resist weathering. Posts are straight and strong. Gates are sturdy, hung on solid, free-swinging hinges. Mail the coupon for free, illustrated catalog.

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Branches in Principal Cities
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FREE! 32-Page Book on Fence

This big, illustrated book tells how to choose the right type of fence for homes, schools, churches, businesses, property. Crammed full of pictures and facts that you will want to know about fence. Mail coupon today.

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Please mail me, without obligation, a copy of "Your Fence—How to Choose It—How to Use It."
Name _____
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I am interested in fencing _____ Industrial _____
Property: _____ Playground _____ Residence _____
() Estate, () School, _____
Approximately _____

US CYCLONE FENCE
UNITED STATES STEEL

It's Fun to Swing ...

[Continued from page 110]

to tack it down. Instead we ran a narrow hem on four sides of the new cover, making it large enough to carry over the edges of the frame at top, bottom, and sides.

AT THE outer edges of these hems, about two inches apart, insert metal curtain pins—the kind with hooks on them. Draw the cover up over the metal frame at the top of the swing, hooking the pins under the bottom of this top bar, on the back. This secures the canvas smoothly at the top. Repeat along the sides of the back, stretching the canvas neatly. Then draw the cover down to the bottom of the back, run it under the frame, and hook it securely over the top of this bottom bar. It's a simple matter now to remove the cover for washing or to adjust it if it stretches with use.

NEXT take the strip of goods left from the back piece, seaming it lengthwise onto the piece for the seat cushion. Hemmed at the ends, it will form a valance. Laying the seat cover on the pad, measure where the front upper edge of the cushion will come, and at this line take a 1/2-inch tuck lengthwise of the goods. Using this tuck to hide your stitches, sew the awning cloth to the pad, running small back stitches along the front upper edge of the cushion, just below the tuck. Fasten tightly at each end of the pad. Now stretch the awning cloth smoothly over the top of the pad and sew it down to the pad on the under side, along the three remaining sides. Use strong overcasting stitches. Or for a reversible cover, make an extra big pillow slip, leaving one side open to receive the edge of the valance. Attach the cover to the pad along this seamline.

WE RE-COVERED our porch-hammock the easiest way possible, not just because we're lazy, but because it struck us that simplicity would lend smartness and distinction, avoiding that homemade look.



You guys can just wait your turn—we got here first



PROTECT ITS

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WITH BUG-A-BOO
GARDEN SPRAY

Don't let pests ruin your garden. This easy-to-mix insect spray kills or controls practically all troublesome garden insects. Highly concentrated, 4 ounces make 12 to 18 gallons. Will not clog sprayer.

Buy at leading hardware, garden supply, drug, and department stores.

Bug-a-boo
GARDEN SPRAY
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TRIM HEDGES, SHRUBS,
TERRACE GRASS, BORDERS

Electric Hedge Shear cuts with an easy, uniling motion—any growth up to 1/2" branches. Light, vibration-proof. Gives beautiful curves, bevels, edges—without practice. Self sharpening. Guaranteed. Proved all over America. Weighs only 5 1/2 lbs. Works from any light socket. Free demonstration, or money-back trial. Write for details.

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1702 N. Salina St., Syracuse, N. Y.

SPRINKLE YOUR LAWN IN SQUARES

SQUARE MIST
LAWN SPRINKLER
...the first step to a beautiful lawn.



Detachable Deflecting Shield prevents pellets from going, etc.
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IRIS SPRING and FALL blooming.
White Autumn King, golden yellow Jean Siroi, purple Eleanor Roosevelt. All three 30c, postpaid. Stamps are accepted. Catalog of world's finest iris free. Jardin Des Iris, Dept. 36, Battle Creek, Mich.

On Lake

Designed by Architect



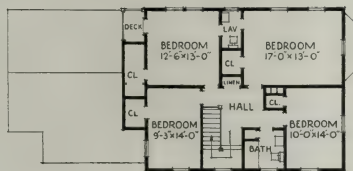
THIS HOME of Dr. and Mrs. P. F. Eckman, Better Homes & Gardens readers of Duluth, Minnesota, follows Colonial lines, with trends toward both the New England and so-called Cape Cod types. The lower portion of the main part of the house is faced with a common brick. The overhang is in varying widths of V-jointed boards, with the remainder of the house in wide siding. All the siding, vertical boards, and brickwork have been painted. The roof is of stained red-cedar shingles, and the shutters are of wide boards painted green to match the roof.

The house being situated a short distance from the shore of Lake Superior, an attempt has been made to favor the view from the rooms at the rear. For this reason, the living-room, dining-room, and larger bedrooms have been given a south and south-west exposure. All windows on the first floor in this portion of the house extend almost to the floor.

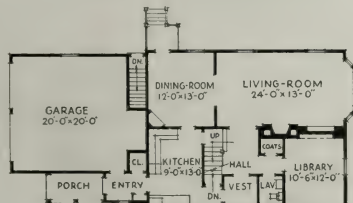
AN INTERESTING feature of the living-room is the treatment of the fireplace and open shelves adjoining. A large bay window affords an excellent view of the lake as well as the street in front of the house. A door leads from the dining-room to an open terrace at the rear of the house.

Superior's Shore

A. Reinhold Melander, Duluth, Minnesota



SECOND FLOOR



FIRST FLOOR

Discover a New Way to Grow Giant Flowers

Daffodils Big as Salad Plates

5-Inch Bud on Red Tea Rose

Just think of growing a daffodil larger than a salad plate, a Red Tea Rose with a 5-inch bud, snapdragons six and one-half feet tall, producing bloom in plants that have refused to bloom, transplanting a rose in flower without the loss of a single bud, reinvigorating sickly plants, treating root rot successfully. Yes, these miraculous results from the use of Vitamin B₁ are reported by *Better Homes & Gardens*, by plant scientists, and by amateur gardeners in many states.

Now, with MIRAKLE-GRO (pure Vitamin B₁) your indoor or outdoor garden will give you keener enjoyment than ever before, winter or summer, because Vitamin B₁ opens a delightful new experience in horticulture. The amazing facts, as reported in *Better Homes & Gardens*, October 30, page 13, are stranger than fiction—and more interesting.

MIRAKLE-GRO is pure crystalline powdered Vitamin B₁—not a filler—highly concentrated and contains no filler.

SATISFACTORY RESULTS or YOUR MONEY BACK

MIRAKLE-GRO is given in water to plants, flowers, shrubs, trees, and bulbs. It is not a plant food. In just a few short months, it has become the big topic of conversation of gardeners, florists, and flower hobbyists everywhere. Best of all, any careful gardener can succeed using MIRAKLE-GRO according to simple directions we furnish.

The complete MIRAKLE-GRO Kit consists of a supply of pure crystalline powdered Vitamin B₁ (makes 1,000 gallons of watering solution), measuring and mixing equipment, complete directions for use, etc. The dollar package contains an entire season's supply for a small garden. It is easy to mix and use. Think of the joy of transplanting flowers, roses, shrubs, etc., without noticeable setback.

Be the envy of gardeners in your neighborhood. Grow larger, healthier plants and blooms. Transplant delicate plants without usual bother and discouraging results. Get *MIRAKLE-GRO* today. Send *No Money*. Sit right down and mail coupon below—then pay the postman only \$1 plus a few cents postage and C. O. D. costs. You don't risk a penny to try

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MIRAKLE-GRO on your flowers, plants, shrubs, and bulbs. Your dollar back if you are not delighted with results. Don't wait. Give your indoor garden the "boost" it needs right now.

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SPOROL (WITH META)

ATTRACTS AND KILLS

6 Sweet Scented TULIPS 50¢

These magnificent Fragrant Giant Tulips come in six brilliant colors. Gorgeous flowers; long, strong stems. Guaranteed to bloom next spring. Order these sweet scented beauties today. No orders accepted after July 15. This offer will not appear again. 6 large healthy bulbs 50¢. 3 collections (18 bulbs) \$1.00 postpaid.

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CARTER Lever-Spray NOZZLE
Automatic water-saving shutoff. One hand all-range control. 300 Gals. water per min. till released. Non-leaking. Handsomely nickel-plated. At dealers, or direct postpaid, only \$1.00.

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3 EXQUISITE VESPER IRIS 30¢

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Three machines in one. Ideal for the Estate Owner.

Cultivates your garden, cuts tallest weeds, mows your lawn.

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KILL WEEDS ON WALKS, DRIVES, TENNIS COURTS etc.

with **HAMMOND'S WEED KILLER**

Best out there! Golden Ivy, Honeyuckle, Quack Grass, Canada Thistle and other stubborn weeds. Kills them and makes them grow again. No need for re-sodding. Easy to apply. Inexpensive.

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THE IRIS GARDEN
MERRIAM, KANSAS

The Diary of a Plain Dirt Gardener

[Begins on page 10]

and, bless my soul, even chrysanthemums. This was a yellow type of azaleum. Tuberous Begonias were doing well in the shade and the Japanese Anemones, also in shade, were unusually thrifty.

June 7 In San Antonio—city of fable and legend and history and romance—we began one of the big quests of our journey, that of seeking out and photographing the old Spanish missions of the Southwest. Here or near by are five, including the historic Alamo. We



"In San Antonio . . . photographing the old Spanish missions"

visited four. The Mission San Jose is magnificent, with its famous rose window and wonderful carving of its great doorway.

I might add in addition, that as we drove westward from Uvalde thru a land of short brush, there were lots of goats. At night we came to Del Rio on the Rio Grande, to find a flourishing little city of white buildings, with oleanders in bloom everywhere.

June 9 In high, dry, hot, sunny El Paso this day I saw some of the most beautiful small gardens in America.

We visited the gardens of Mrs. L. M. Parker, Mrs. A. T. Kunz, and Mrs. F. B. Magruder. All of them, along with scores of others, are low, white garden homes built on top of the mesa north of El Paso. Here holes have been blasted or dug out of solid rock. Soil has been hauled in from 15 miles down the valley to fill the holes. In this soil trees, shrubs, vines, and flowers have been planted.

In spite of such handicaps and the blazing hot sun, I never saw more thrifty gardens. These gardens are small. Each is surrounded by a wall, usually white, and vine covered.

Back to the hotel, I came down to earth with a thump. There was a huge envelope come by air mail from Gertrude, back home on the campus, filled with jolly old exam papers. So tonight, while the family visited friends, I sat in the hotel and read those papers, then made up a night letter telegram to Gertrude with the grades in it.

June 10 To New Mexico this afternoon and for supper tonight at Mesilla Park with G. A. Feather and his family, where I did disgrace the family by eating too many enchiladas.

June 11 Sunday—Arizona—and we stopped this afternoon at the historic little mining

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town of Tombstone, which would be a ghost town by now, were it not for the endless tide of tourists. Here we drank lemonade in a peaceful drugstore that in times gone by had been the very identical old Oriental saloon that had echoed to the guns of crooked gamblers and drunken miners; where many a man had been shot down with his boots on.

Just west of town we stopped at the old Boothill cemetery, where the miners had been buried with their boots still on, after they had been shot. It was a weird place, with crude headstones mostly dated back to the '80s.

Believe it or not, I completely forgot that famous Lady Banksia Rose here at Tombstone. This is said to have grown from a rose that Lily Langtry, the actress, once threw away and is thought to be the largest rose bush in the world.

June 14 At Mesa, east of Phoenix, today, Donald and I stopped to howdy with William Trimble, veteran horticulturist-gardener. Besides his many flowers, he has his place planted with orange,



I can't get everything that happened this month in the diary

grapefruit, fig, and other fruit trees. Mr. Trimble has been helping to carry forward a plan for city beautification that he has been talking about for 15 years. Some 20,000 trees are to be planted along the newly paved streets as a part of the plan. Mr. Trimble says Mesa can be made the most beautiful little city in America.

June 17 At last, tonight, we have reached the fabled land toward which we have been traveling for 3,000 miles. We are in Pasadena and at Monterey Lodge, one of the finest motor courts in the country. We have a cottage of two rooms, with couches, easy chairs, radio, two tile baths, a kitchen with automatic refrigerator, and gas stove. Outside the cottage, the grounds are landscaped, hibiscus is in gorgeous bloom, and flowers are everywhere.

June 19 At the Burpee seed ranch at Lompoc to-day Bill Hoag, the superintendent, invited us to have lunch there with a number of other visitors. The lunch was served to us at a long table out on the lawn. I noticed that the other men ate with their hats on. Being polite, I took mine off. That California sun was so bright that before lunch was over my old half-bald head was burned a cherry red.

June 20 Santa Barbara is a city of gardens, and I was taken to see some of them this

IT'S NEWS TO ME!

REG. U. S. PAT. OFF.

By Anna Joyce Olson

1 Unique and practical to use again and again are 12 transparent **plastic place cards**. The slotted disk holders, black and white ink, ink eradicator, and pen complete this *Modern Hostess Set*. About \$2.95 in stores, or plus 15c postage from Celomat Co., 55 W. 42 St., New York.

2 Speaking of **spatulas**: in hand, a paper-thin, stainless-steel turner, so **flexible** it bends double and snaps back, yet rigid for lifting because it's hollowed at the shank. *Androck No. 4490*, 50c. The Washburn Co., Rockford, Ill.

With this white-handled, **serated-edged** knife-spatula, slice and serve cake or pie handsomely at table. *No. 326*, \$1. Burns Mfg. Co., 1208 E. Water St., Syracuse, N. Y.

Tiny **pallet spatula** creams and spreads frosting, slides dainties deftly from muffin pans; 50c. Robeson Cutlery Co. Inc., Perry, N. Y.

3 Broil meats or other foods for four, deliciously, right at table, in this 10-inch **electric food broiler**. It's non-smoking because of a center well in the removable aluminum tray. The well catches juices. Because the element is in the lid, invert this detachable lid to make a hot plate; \$9.95. Manning, Bowman & Co., Meriden, Conn.

4 Notice, dis-assembled, the **self-adjusting picture holder** for your favorite blown-up snapshot of the moment, or as a permanent frame. Of spring bronze, with heavy card backing and transparent plastic "glass," it slips on or off, stands or hangs horizontally or vertically. *Scrollette Senior* size expands to hold any 10- to 14-inch picture, \$1.50; *Junior*, 6- to 9-inch, \$1. Revere Copper & Brass Inc., Rome, N. Y.

5 On the white **electric kitchen wall clock**, 7- x 10-inch size, a chef's knife and fork point the time. A unique model of a chef with hand-painted features, this self-starting clock is about \$4.35 in stores. The Sessions Clock Co., Forestville, Conn.

6 This **Sycocwood fruit pendant** is of molded, wood-like material, each fruit painted in its own muted tone. Hang one or a pair to give color-theme to your mantel or dining-room. Comes also in mahogany, blonde, or gold finish. This 16-inch plaque, about \$2.50 in stores. Syracuse Ornamental Co., Syracuse, N. Y.

7 Have you thought of a **fabric-pinker** to smarten and speed home-sewing? "Pink" your felt, oilcloth, chintz curtains—and no hemming—as a trig, non-raveling edge for summer decoratives. *Singer Pinker*, \$5 in Singer Shops.

8 *Little Ol' Lady* cookie jar, neither cumbersome nor stingy, has 6½-inch base diameter. The *Fat Boy* jar, smaller, keeps cookies for two,

or gumdrops, right on the nook table, as a center piece. In color selection, *Ol' Lady*, \$2; *Fat Boy*, \$1.50, in stores. Abingdon Pottery, Abingdon, Ill.

9 It's convenient to **reduce humidity** in your basement or other room with **Flake Calcium Chloride** placed in these twin galvanized wire baskets, each holding 3 pounds. The chemical draws the room's moisture, liquifies with it, and drips into the enameled pan. This outfit, without chemical, \$1.35 at building-supply dealers. Calcium Chloride costs about \$2.75 for 100 lbs. Solvay Sales Corp., 40 Rector St., New York.

10 Enameled-wire **summer fire-place screen**, about 49 x 28 inches high, has semi-folding hinged panels, each with a metal plant shelf. White or pastel, \$8 delivered. Beegle Metal Products Co., 1902 Converse Ave., East St. Louis, Ill.

11 This sturdy **end-table** (shown in two views), 25½ x 13 x 20 inches high, will hold 100 of your phonograph records. It **ensembles** your radio, record-player, and records to be handy and compact. Table only, walnut finish, \$9.80; blonde mahogany, \$10.80; each f. o. b. 20 lbs. Practical Specialties Co., 67 W. 44th St., New York.

12 Wheel this readily portable **Sun Tan Cot** to terrace, yard, or garden! The pad, red, yellow, green, blue, or maroon background, is weather-resistant. *No. G-91*, about \$19 in stores; with canopy, \$22. Simmons Co., 222 North Bank Drive, Chicago.

► Individual-shingle effect, with perfect blend of color tones and no bunching or spotty appearance, is assured in a new asbestos-cement **strip shingle** of wood-grain texture. It's because the colors and staggering of butts have been worked out beforehand, in the strip. *Careystone Tri-Tone Blend*. The Philip Carey Co., Cincinnati.

► To cut the tall weeds, a scythe attaches with two bolts in front of your 15- to 21-inch lawnmower. Of malleable iron, it has two flexible-steel revolving blades. *Si-Cut*, \$7.50, A. F. Brombacher & Co., 124 Maiden Lane, New York.

► Breakfast variety comes in a tray-like carton of 10 assorted boxes of ready-to-eat cereal, each box an individual serving. Try the selection to inspire tots to eat breakfast. And tuck it on your snack shelf! *Kellogg's Variety* package; at your grocers'. Kellogg Co., Battle Creek, Mich.

► **Miniature roses**, so tiny you could wear four of them for an ear-bob, are 50-petaled little blossoms, hardy and a distinctive note in your rock garden. *Pixies*, 3 plants for \$2.50 postpaid. The Conard-Pyle Co., West Grove, Pa.

